

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1982 to June 30, 1983

LD4261

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1982/83

1982-1983

THE OHIO STATE UNIVERSITY

Edward H. Jennings, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
Warren J Smith, Columbus	January 6, 1975	May 13, 1983
John D. Jacob, Columbus	May 14, 1975	May 13, 1984
Donald James Hilliker, Bellefontaine	May 14, 1976	May 13, 1985
John F. Havens, Delaware	May 14, 1977	May 13, 1986
Daniel M. Galbreath, Columbus	May 14, 1978	May 13, 1987
Edmund C. Redman, Columbus	May 14, 1979	May 13, 1988
Leonard J. Immke, Columbus	May 14, 1980	May 13, 1989
John W. Berry, Dayton	May 14, 1981	May 13, 1990
Shirley Dunlap Bowser, Williamsport	May 14, 1982	May 13, 1991
Hamilton J. Teaford, Columbus	May 14, 1983	May 13, 1992

OFFICERS

Warren J Smith, Chairman
John D. Jacob, Vice Chairman
Madison H. Scott, Secretary
James Lee Nichols, Treasurer

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Gibraltar Island, Ohio, July 9, 1982

The Board of Trustees met at its regular monthly meeting on Friday, July 9, 1982, at Franz Theodore Stone Laboratory, Gibraltar Island, Ohio, pursuant to adjournment.

Present: Warren J. Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Leonard J. Immke, and Shirley D. Bowser.

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Minutes of the last meeting were approved.

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July 9, 1982 meeting, Board of Trustees

**ADOPTION OF NEW RULE 3335-5-582 (FISCAL COMMITTEE)
OF RULES OF THE UNIVERSITY FACULTY**

Resolution No. 83-1

Synopsis: A new rule 3335-5-582 (Fiscal Committee) is being proposed.

WHEREAS temporary fiscal committees, advisory to the President, have functioned in the recent past during periods of financial stress; and

WHEREAS the Steering Committee, the Ad Hoc Committee on the Release of Tenured Faculty, and the Select Rules Committee on the Release of Tenured Faculty concur, along with other concerned groups, on the desirability of establishing a permanent, continuing Fiscal Committee, charged to develop and apply fiscal expertise in prosperous as well as recessionary times; and

WHEREAS continuity in consideration of fiscal matters is preferable to crisis orientation; and

WHEREAS functioning of rules now in preparation by the Select Rules Committee presupposes the establishment and operation of a permanent Fiscal Committee:

RULE

3335-5-582 Fiscal committee.

(A) The fiscal committee shall consist of fifteen members as follows:

- (1) Five members of the university faculty, at least two of whom must be senate members, shall be nominated by the faculty council for three-year terms; two members to be elected the first year, and every third year thereafter, and one member to be elected in each of the other years.
- (2) Two members of the university faculty to be appointed by the president for three-year terms, one member to be appointed the first year and every third year thereafter, and one member initially appointed for a two-year term.
- (3) Four members shall be students: one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. At least one of the students shall be a member of the university senate; this should be on a rotating basis beginning with the graduate student representatives. Each student member shall be appointed for a two-year term and be eligible for reappointment except the first year, when one of the undergraduate students shall serve a term of only one year.

July 9, 1982 meeting, Board of Trustees

**ADOPTION OF NEW RULE 3335-5-582 (FISCAL COMMITTEE)
OF RULES OF THE UNIVERSITY FACULTY (contd)**

3335-5-582 Fiscal committee. (contd)

- (4) Two staff members for two-year terms, appointed by the president.
 - (5) Two administration members, appointed by the president, non-voting.
 - (6) The chairman shall be elected from among the voting members of the committee.
 - (7) A voting member who has completed a full term shall not be eligible for appointment or election for one year after such service.
- (B) The committee shall review, on a continuing basis, the fiscal resources of the university and advise the president on the alternatives and strategies for the long-term and short-term allocation of resources among academic and non-academic areas consistent with maintaining the missions of the university. The committee shall have full access to all fiscal documentation it needs to perform its functions. The committee shall analyze resources and budgets from an overall university-wide perspective, rather than making a detailed analysis of the budgets and expenditures of individual units within the university.
- (C) In the event of an imminent financial crisis, the committee will advise the president whether a determination of financial exigency is warranted.
- (D) The committee will report to the university senate at least annually.

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees adopt the proposal as approved by the University Senate at its meeting June 8, 1982, for the establishment of a Fiscal Committee, effective July 1, 1982.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. Havens: Is that a regularly scheduled type of meeting group? I see it is 15 people.

President Jennings:

Yes--it would be a--hoping, Jack, that that's going to evolve much more into a longer term planning, and still if we have a financial crisis problem, we're going to have to work with that group. Essentially, the budget recommendations that we made last May were developed by myself, my staff, in consultation with the ad hoc committee that we had formed. We're trying to move this more into a long-range activity for anywhere from general allocations to how we might reallocate funds in the institution to do a better job in the institution. I think this, if you will, institutionalizes it, and frankly, I look forward to working with them.

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July 9, 1982 meeting, Board of Trustees

**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE**

Resolution No. 83-2

Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the naming of the Agronomy, Natural Resources and Plant Pathology Building.

WHEREAS the Board of Trustees of The Ohio State University did, on January 9, 1976, amend paragraph (G) of bylaw 3335-1-08 of the Administrative Code to state "that buildings and structures shall not be named for any person who is an officer or employee of the University or the State of Ohio, but may be named for a person who has been retired or has otherwise left such a position for a minimum of three years"; and

WHEREAS the President wishes to recommend that the Agronomy, Natural Resources and Plant Pathology Building be named to honor Roy M. Kottman who has retired as Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics and Natural Resources:

NOW THEREFORE

BE IT RESOLVED, That paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that the Agronomy, Natural Resources and Plant Pathology Building can be named for a living person.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 83-3

Synopsis: Naming of Agronomy, Natural Resources and Plant Pathology Building.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of bylaw 3335-1-08 of the Administrative Code; and

WHEREAS the President recommended, with the concurrence of the President's Staff, that the Agronomy, Natural Resources and Plant Pathology Building, located at 2021 Coffey Road, be named in honor of Roy M. Kottman, who is widely known for his leadership in agriculture and served as Dean of the College of Agriculture for 22 years:

NOW THEREFORE

BE IT RESOLVED, That the above described building be named Roy M. Kottman Hall to honor Dr. Kottman.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 9, 1982 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SUMMER QUARTER COMMENCEMENT

Resolution No. 83-4

Synopsis: Approval is being requested for awarding degrees and certificates for Summer Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on September 2, 1982, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 83-5

Synopsis: Approval is requested for awarding honorary degrees to three individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

John Wilson Black
Russell W. Peterson
G. Ledyard Stebbins

Doctor of Humane Letters
Doctor of Humane Letters
Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 9, 1982 meeting, Board of Trustees

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY**

Resolution No. 83-6

Synopsis: Amendments to Bylaws of the Board of Trustees and Rules of the University Faculty are proposed to reflect title changes and the delineation of responsibilities in accordance with the recommended restructuring of the University administration.

WHEREAS as a part of the restructuring of the university administration, amendments to the Bylaws of the Board of Trustees and Rules of the University Faculty are necessary to effectuate the changes proposed; and

WHEREAS paragraph (E) of bylaw 3335-1-03 and rule 3335-3-05 set forth the members of the president's staff and incorporate changes made pursuant to the proposed restructuring of the central administration of the University; and

WHEREAS the recommendation is being made to change the title of the position of provost to that of vice president for academic affairs and provost, and to accommodate this change, bylaw 3335-1-03 paragraph (F) and rule 3335-3-06 need to be amended; and

WHEREAS a new position to be known as vice president for research and graduate studies is being proposed which requires the addition of paragraph (O) to bylaw 3335-1-03 and new rule 3335-3-154; and

WHEREAS the position of vice president for health sciences is being eliminated and the new position of vice president for health services is being recommended with responsibilities as set forth in paragraph (J) of bylaw 3335-1-03 and new rule 3335-3-12; and

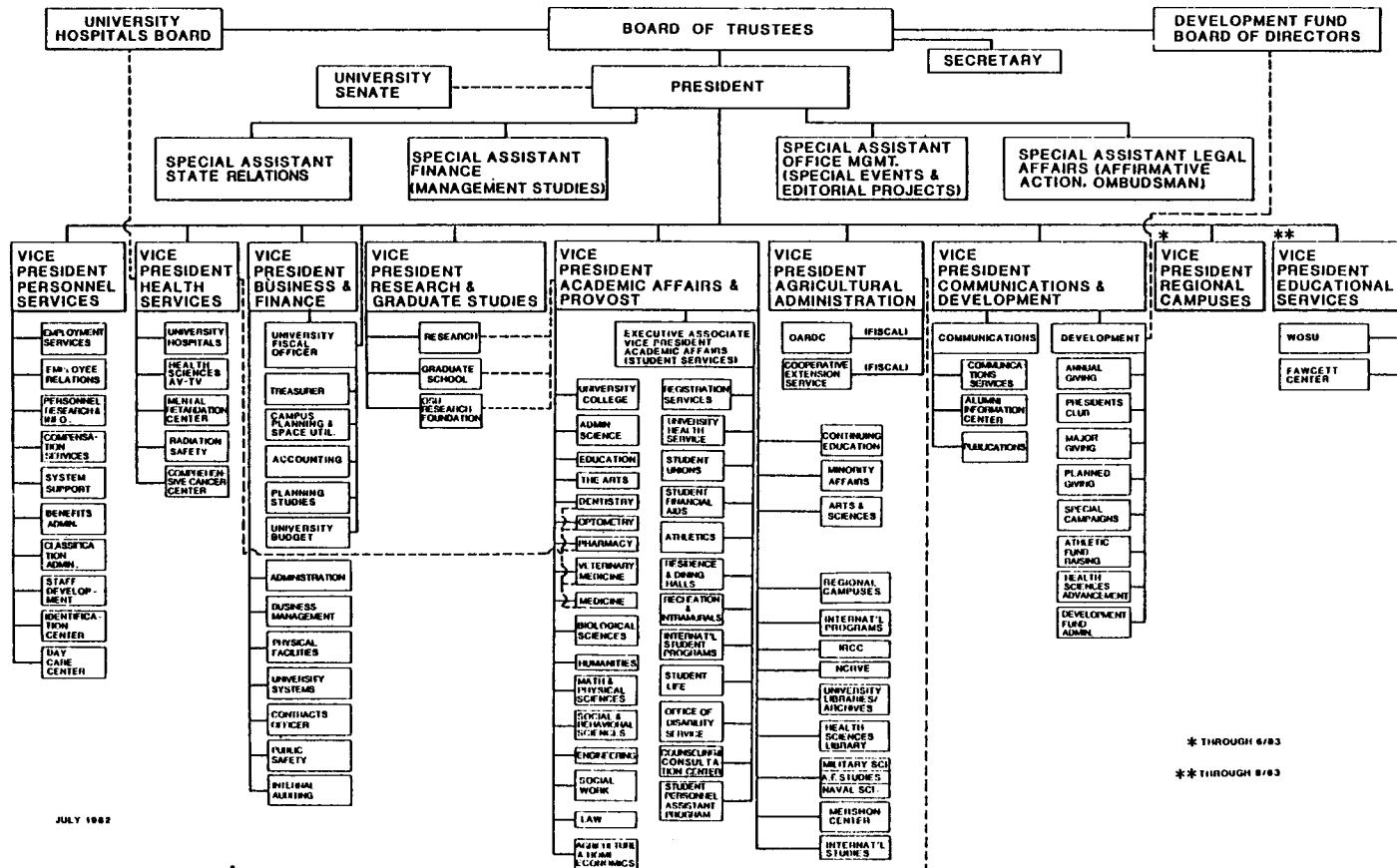
WHEREAS with the elimination of the Office of Vice President for Health Sciences, modifications of paragraph (S) of bylaw 3335-1-03 and rule 3335-3-22 are necessary, and to abolish the health sciences council paragraph (V) of bylaw 3335-1-03 and rule 3335-5-481 are hereby recommended for deletion from the publication in the future; and

WHEREAS a new reporting relationship is being proposed for the Office of Student Services, i.e., to report through the Office of Academic Affairs, with the head of that office to be designated the executive associate vice president for academic affairs (student services) these changes to be accomplished through the deletion of paragraph (I) of bylaw 3335-1-03, the elimination of rule 3335-3-09, and the addition of a new rule 3335-3-174; and

WHEREAS to further the updating of the Bylaws of the Board of Trustees and Rules of the University Faculty it is recommended that the proposed title changes/designations be made in all applicable bylaws and rules and shall be incorporated in the next printing of these official documents; and

WHEREAS pursuant to rule 3335-1-09 of the Administrative Code and upon the recommendation of the President, the rule changes as printed on the following pages are proposed:

ORGANIZATION OF THE OHIO STATE UNIVERSITY



**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

BYLAWS

3335-1-03 Administration of the university.

(E) The president's staff.

(1) The president's staff shall consist of the president; the vice president for academic affairs and provost; the vice president for business and finance; the vice president for health services; the vice president for regional campuses; the vice president for educational services; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; the vice president for research and graduate studies; the university fiscal officer; the executive associate vice president for academic affairs (student services); and special assistants.

(F) Vice president for academic affairs and provost. The major area of responsibility and authority of the vice president for academic affairs and provost shall be that of the instructional and faculty affairs of the university. Without limiting the generality of the foregoing, the vice president for academic affairs and provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: providing coordinated leadership for the development and evaluation of curricular patterns and teaching methods; the selection, promotion, professional development, tenure and salary of instructional staff; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising the organization and procedures to improve its effectiveness; the development of the services of the university libraries and other learning resources; in cooperation with the vice president for research and graduate studies, the coordination of research with instruction; the development of instructional programs of the departments of air force aerospace studies, military science and naval science; in cooperation with the vice president for regional campuses, the development of the four regional campuses; and as a deputy of the president of the university, the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

(J) Vice president for health services. The major area of responsibility and authority of the vice president for health services shall be that of the health services of the university. Without limiting the generality of the foregoing, the vice president for

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-1-03 Administration of the university. (contd)

health services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the university hospitals; medical audio-visual and TV center; mental retardation center; radiation safety center; comprehensive cancer center; center for continuing medical education; computer-assisted instruction for community hospitals; and agreements and cooperative arrangements with various regional and governmental hospitals.

- (O) The vice president for research and graduate studies. The major area of responsibility and authority of the vice president for research and graduate studies shall be that of encouraging, stimulating, and coordinating the research programs of the university. Without limiting the generality of the foregoing, the vice president for research and graduate studies shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: developing broad policies and operating procedures for the research activities of the university; stimulating research developments and assisting in the evaluation of the total research program of the university; providing advice and assistance to college research administrators as they develop their research programs within the college; supplying coordinated leadership in securing governmental, industrial, and individual support for the research programs of the university; developing the interdepartmental and inter-college cooperative arrangements for the administration of the research projects; in cooperation with the vice president for academic affairs and provost and the dean of the graduate school, assist in the coordination of the research programs and the instructional program of the university; and in cooperation with the vice president for business and finance, be responsible for developing the contracting procedures and contract terms for sponsored research undertaken by the colleges and divisions of the university.

(R) Council of deans.

- (1) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the associate provost for instruction, the vice president for research and graduate studies, the deans/directors of the regional campuses, the vice provost for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (2) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president.

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

RULES

3335-3-05 President's staff.*

- (A) The president's staff shall consist of the president; the vice president for academic affairs and provost; the vice president for business and finance; the vice president for health services; the vice president for regional campuses; the vice president for educational services; the vice president for personnel services; the vice president for agricultural administration and executive dean for agriculture, home economics, and natural resources; the vice president for university communications and development; the vice president for research and graduate studies; the university fiscal officer; the executive associate vice president for academic affairs (student services); and special assistants.
- (C) Assignment of specific areas of responsibility to members of the president's staff shall be made by the president with the approval of the board of trustees. (B/T 10/5/73, B/T 4/6/79, B/T 4/4/80, B/T 12/10/81, B/T 5/7/82, B/T 6/10/82, B/T 7/9/82)

3335-3-06 Vice president for academic affairs and provost.*

- (A) The vice president for academic affairs and provost shall be the executive head of the office of academic affairs and is the chief academic officer of the university.
- (B) The major area of responsibility and authority of the vice president for academic affairs and provost shall be that of the instructional and faculty affairs of the university. Without limiting the generality of the foregoing, the vice president for academic affairs and provost shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: providing coordinated leadership for the development and evaluation of curricular patterns and teaching methods; the selection, promotion, professional development, tenure and salary of instructional staff; through the office for the coordination of minority affairs and in cooperation with the other existing agencies of the university, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising the organization and procedures to improve its effectiveness; the development of the services of the university libraries and other learning resources; in cooperation with the vice president for research and graduate studies, the coordination of research with instruction; the development of instructional programs of the departments of air

*Rule initiated by board of trustees.

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-3-06 Vice president for academic affairs and provost.* (contd)

force aerospace studies, military science and naval science; in cooperation with the vice president for regional campuses, the development of the four regional campuses; and as a deputy of the president of the university, the coordination of all matters administratively assigned to the other vice presidents of the university which relate to the academic program of the university.

- (C) The principal administrative officials of the office of the vice president for academic affairs and provost shall include such associates as may be authorized from time to time. (B/T 7/9/82)

3335-3-12 Vice president for health services.*

- (A) The vice president for health services shall be the executive head of the office of health services.
- (B) The major area of responsibility and authority of the vice president for health services shall be that of the health services of the university. Without limiting the generality of the foregoing, the vice president for health services shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: the university hospitals; medical audio-visual and TV center; mental retardation center; radiation safety center; comprehensive cancer center; center for continuing medical education; computer-assisted instruction for community hospitals; and agreements and cooperative arrangements with various regional and governmental hospitals.
- (C) The principal administrative officials in the office of health services shall include such other associates as may be authorized from time to time. (B/T 7/9/82)

3335-3-154 Vice president for research and graduate studies.*

- (A) The vice president for research and graduate studies shall be the executive head of the office of research and graduate studies.
- (B) The major area of responsibility and authority of the vice president for research and graduate studies shall be that of encouraging, stimulating, and coordinating the research programs of the university. Without limiting the generality of the foregoing, the vice president for research and graduate studies shall, under the direction of the president and with the approval of the board of trustees, be responsible and have the requisite authority for: developing broad policies and operating procedures for the research activities of the university; stimulating

*Rule initiated by board of trustees.

July 9, 1982 meeting, Board of Trustees

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-3-154 Vice president for research and graduate studies.* (contd)

research developments and assisting in the evaluation of the total research program of the university; providing advice and assistance to college research administrators as they develop their research programs within the college; supplying coordinated leadership in securing governmental, industrial, and individual support for the research programs of the university; developing the interdepartmental and inter-college cooperative arrangements for the administration of the research projects; in cooperation with the vice president for academic affairs and provost and the dean of the graduate school, assist in the coordination of the research programs and the instructional program of the university; and in cooperation with the vice president for business and finance, be responsible for developing the contracting procedures and contract terms for sponsored research undertaken by the colleges and divisions of the university.

- (C) The principal administrative officials in the office of research and graduate studies shall include the executive director of the Ohio state university research foundation and such other associates as may be authorized from time to time. (B/T 7/9/82)

3335-3-174 Executive associate vice president for academic affairs (student services).*

- (A) There shall be an executive associate vice president for academic affairs (student services) in the office of the vice president for academic affairs and provost.
- (B) The authority of the executive associate vice president for academic affairs (student services) shall be that of the administration of the student services of the university. Without limiting the generality of the foregoing, the executive associate vice president for academic affairs shall, under the direction of the vice president for academic affairs and provost, be responsible for: the development and administration of policies and operating procedures for registration services including admissions, registration, records, and scheduling; the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; the administration of all residence and dining hall facilities; non-academic student discipline; the student health service including primary responsibility for university-wide environmental health and safety; student union facilities and programs; student athletic programs including intercollegiate athletics, recreation and intramural programs; counseling; office for disability services; student financial aids and scholarships; student personnel assistant program; off-campus student housing; and international student programs.
- (C) The principal administrative officials of the office of the executive associate vice president for academic affairs (student services) shall include such associates as may be authorized from time to time. (B/T 7/9/82)

*Rule initiated by board of trustees.

July 9, 1982 meeting, Board of Trustees

**RESTRUCTURING OF THE UNIVERSITY ADMINISTRATION--
AMENDMENTS TO BYLAWS OF THE BOARD OF TRUSTEES
AND RULES OF THE UNIVERSITY FACULTY (contd)**

3335-3-22 Council of deans.*

- (A) The president of the university, the vice president for academic affairs and provost, the deans of the colleges, the associate provost for instruction, the vice president for research and graduate studies, the deans/directors of the regional campuses, the vice provost for arts and sciences, and the director of libraries shall comprise the council of deans of the university. The president shall be chairman of the council, the provost shall be vice chairman, and the provost's designee shall serve as secretary. In the temporary absence of the president, the duties of the presiding officer shall be assumed by the provost.
- (B) The council of deans shall meet on the call of the chairman. The council of deans shall serve as an advisory council to the president. (B/T 10/5/73, B/T 2/2/79, B/T 4/3/81, B/T 7/9/82)

* Rule initiated by board of trustees.

NOW THEREFORE

BE IT RESOLVED, That the proposed amendments to the Bylaws of the Board of Trustees and the Rules of the University Faculty be adopted and that they shall be included in the next printing of these official documents.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution with four affirmative votes cast by Messrs. Smith, Hilliker, Havens, and Immke; one negative vote cast by Dr. Jacob; and one abstention by Mrs. Bowser.

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PERSONNEL ACTIONS

Resolution No. 83-7

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments, Appointment of New Chairmen of Departments and Division, Reappointment of Chairman of Department, Leaves of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the June 10, 1982 meeting of the Board, including the following Appointments, Appointment of New Chairmen of Departments and Division, Reappointment of Chairman of Department, Leaves of Absence Without Salary, Professional Improvement Leave--Change of Date, and Emeritus Titles as detailed in the University Budget, be approved.

PERSONNEL ACTIONS (contd)

Appointments

Name: DIETHER H. HAENICKE
Title: Acting Vice President for Academic Affairs and Provost
Office: Academic Affairs
Effective: On or about August 1, 1982
Salary: \$69,480.00
Present Position: Dean, College of Humanities

Name: MANUEL TZAGOURNIS
Title: Acting Vice President for Health Services
Office: Health Services
Effective: July 1, 1982
Salary: \$69,900.00
Present Position: Dean, College of Medicine

Name: FRANCILLE M. FIREBAUGH
Title: Acting Vice President for Agricultural Administration and
Executive Dean for Agriculture, Home Economics and
Natural Resources
College: Agriculture and Home Economics
Effective: July 1, 1982
Salary: \$67,320.00
Present Positions: Associate Dean, College of Agriculture and Home Econom-
ics; Director, School of Home Economics

Name: JAMES C. GARLAND
Title: Acting Vice President for Research and Graduate Studies
Office: Research and Graduate Studies
Effective: Immediately
Salary: \$56,040.00
Present Position: Professor, Department of Physics

Name: WILLIAM R. NESTER
Title: Executive Associate Vice President for Academic Affairs
(Student Services)
Office: Academic Affairs
Effective: July 1, 1982
Salary: \$57,720.00
Former Position: Vice President for Student Services

Name: LARRY R. THOMPSON
Title: Special Assistant to the President (Legal Affairs)
Office: President's Office
Effective: July 1, 1982
Salary: \$54,000.00
Present Position: Acting Special Assistant to the President

July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: JUDITH B. WASHBURN
Title: Special Assistant to the President (Finance)
Office: President's Office
Effective: June 10, 1982
Salary: \$54,000.00
Present Position: Acting Special Assistant to the President

Name: WILLIAM J. NAPIER
Title: Special Assistant to the President (State Relations)
Office: President's Office
Effective: July 1, 1982
Salary: \$41,280.00
Present Position: Acting Special Assistant to the President

Appointment of New Chairmen of Departments and Division

July 1, 1982 through June 30, 1986

Agricultural Business Technology (ATI)	Mark Headings
Anatomy	James S. King
Human Nutrition and Food Management	* Lena Bailey
Veterinary Pathobiology	Charles Capen

Reappointment of Chairman of Department

July 1, 1982 through June 30, 1986

Art Education	Kenneth Marantz
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* Acting Chairman.

Leaves of Absence Without Salary

SAMUEL CHU, Professor, Department of History, effective October 1, 1982 through December 31, 1982, to accept a visiting appointment at Georgetown University.

KEVIN ALBERT RYAN, Professor, Academic Faculty of Educational Foundations and Research, effective October 1, 1982 through June 30, 1983, to accept an appointment at Boston University to work on a project to prepare teacher education faculties for new institutions in Portugal.

GEORGE F. WADLINGTON, Professor, Cooperative Extension Service, effective July 1, 1982 through September 30, 1982, for medical reasons.

July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

PAUL L. GERSTNER, Assistant Professor, Cooperative Extension Service, effective July 1, 1982 through September 30, 1982, for medical reasons.

C. WILLIAM MCCURDY, Assistant Professor, Department of Chemistry, effective January 1, 1983 through March 31, 1983, to conduct research at the FOM Institute in Amsterdam.

JENNIFER TRAP PORTER, Assistant Professor, Academic Faculty for Exceptional Children, effective October 1, 1982 through June 30, 1983, for personal reasons.

Professional Improvement Leave--Change of Date

SAMUEL CHU, Professor, Department of History, change professional improvement leave from Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983 to Winter Quarter 1983 and Spring Quarter 1983.

Emeritus Titles

W. ARTHUR CULLMAN, Academic Faculty of Marketing, with the title Professor Emeritus, effective July 1, 1982.

WILLIAM C. DEW, College of Dentistry - Administration, with the title College Secretary Emeritus, effective July 1, 1982.

HOWARD E. FRISBEE, Cooperative Extension Service, with the title Professor Emeritus, effective August 1, 1982.

DONALD J. HOFF, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1982.

DAVID O. JONES, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective August 1, 1982.

ROBERT G. KOUYOUMJIAN, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1982.

JAMES H. LIMBIRD, Cooperative Extension Service, with the title Professor Emeritus, effective July 1, 1982.

MORRIS OJALVO, Department of Civil Engineering, with the title Professor Emeritus, effective July 1, 1982.

RICHARD W. PARKINSON, Department of Engineering Graphics, with the title Professor Emeritus, effective July 1, 1982.

July 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

CHARLES H. SUMMERSON, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1982.

MARLIN O. THURSTON, Department of Electrical Engineering, with the title Professor Emeritus, effective July 1, 1982.

HENRY E. WENDEN, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1982.

DONALD J. VINCENT, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1982.

LINNEA ANDERSON, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective July 1, 1982.

ROBERT E. BLAKE, Department of Electrical Engineering, with the title Associate Professor Emeritus, effective July 1, 1982.

ROSS A. NORRIS, Department of Art Education, with the title Associate Professor Emeritus, effective July 1, 1982.

MARIAN R. BUTLER, Department of Textiles and Clothing, with the title Assistant Professor Emeritus, effective July 1, 1982.

DORA E. COLVER, School of Nursing, with the title Assistant Professor Emeritus, effective July 1, 1982.

DAVID S. GOLDSCHMIDT, College of Optometry, with the title Clinical Assistant Professor Emeritus, effective July 1, 1982.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTION IN MEMORIAM

Resolution No. 83-8

Synopsis: A resolution honoring the service of a former member of the Board of Trustees who has recently died is being proposed.

RESOLVED, That the Board adopt the following Resolution in Memoriam and that the President be requested to convey a copy to the family of the deceased.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

July 9, 1982 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Jack G. Gibbs

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 22, 1982, of Jack G. Gibbs, former member of the Board of Trustees.

Mr. Gibbs was appointed as a Trustee of The Ohio State University by Governor James A. Rhodes to fill an unexpired term beginning April 9, 1969 and ending May 13, 1970, with Mr. Gibbs taking office May 5, 1969.

Mr. Gibbs graduated from West High School. He received his Bachelor of Science in Education degree in 1954 and Master of Arts degree in 1957, both from The Ohio State University. While at Ohio State he played varsity football and was a member of the team that won the Rose Bowl in 1955.

Mr. Gibbs began his career in education as a history teacher at Central High School. In 1960, he became Assistant Principal at Franklin Junior High School. He was appointed Assistant Principal at East High School in 1963 and then served as Principal from 1967 to 1971. In 1972, he was appointed Executive Director of the Metropolitan Career Center, now the Ft. Hayes Career Center.

A dynamic educator and community leader, Mr. Gibbs touched the lives of many people and had a positive impact on students of all backgrounds.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy in their bereavement.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-9

Synopsis: The reports on contracts, grants, and gifts and the summary for May are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of May 1982 be approved.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR MAY 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	85	\$4,437,331.44
Engineering Experiment Station	24	322,101.00
Ohio Agricultural Research and Development Center	7	67,500.00
		\$4,826,932.44

The Ohio State University Development Fund

Establishment of Named Fund

The W. Arthur Cullman Business Policy Support Fund (College of Administrative Science)	\$ 5,000.00
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Report from Presidents Club

Members to date	4,537
1982 members: year to date	63
New members - May 1982	10

New Presidents Club Members - May 1982

John E. Baldini	Fred C. Hubbell
Samuel P. Calabretta	Susan Magorien (Mrs. Raymond D.)
Don E. Cook	Peter R. Peirce
Thomas E. Fontana	Edward S. Sadar
Thomas W. Hannon	Keith P. Urban

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,099,940.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)

\$159,477.00 - Environmental Protection Agency, Washington, D. C., DNA Damage Repair and Replication in Cell Specific *in Vivo* Carcinogenesis, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 1 May 1982 through 30 November 1983. (Project 763076 - New)

\$133,612.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Unsaturated Polyolefins and Hydrocarbon Carcinogenesis, Department of Chemistry (L. A. Paquette), 1 June 1982 through 31 May 1983. (Project 763284 - Continuation)

\$129,895.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Polycondensed Alicyclics and Their Antiviral Role, Department of Chemistry (L. A. Paquette), 1 May 1982 through 30 April 1983. (Project 763920 - Continuation)

\$86,622.00 - National Science Foundation, Washington, D. C., Dynamics of the Southern Portion of the Greenland Ice Sheet, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), Institute of Polar Studies (J. R. Bolzan), Department of Mathematics (R. E. Ewing), and Department of Geodetic Science (I. I. Mueller), 1 May 1982 through 30 April 1983. (Project 762103 - Continuation)

\$80,600.00 - Department of the Army, Armament Research and Development Command, Aberdeen Proving Ground, Maryland, Histological Preparation and Evaluation of Noise Exposed Ears, Department of Otolaryngology (D. J. Lim) and Department of Communication (D. E. Dunn), 20 May 1982 through 19 April 1983. (Project 763089 - New)

\$73,452.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chemical Modification of Plastocyanin, Department of Biochemistry (E. L. Gross), 1 May 1982 through 30 April 1983. (Project 763080 - New)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$69,974.00 - Department of Agriculture, Science and Education Administration, Washington, D. C., Institutional Support from the Animal Health and Disease Research Act of 1977, Department of Veterinary Medicine (R. A. Wright), Department of Veterinary Pathology (R. P. Herd), Department of Veterinary Preventive Medicine (S. Bech-Neilsen), Department of Microbiology (B. Zwilling), and Department of Veterinary Clinical Sciences (D. M. Rings, G. F. Hoffsis, and B. L. Hull), 1 March 1982 through 30 September 1982. (Project 762621 - Continuation)

\$68,271.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1982 through 31 March 1983. (Project 762623 - Continuation)

\$65,327.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 April 1982 through 1 July 1985. (Project 763077 - New)

\$65,000.00 - National Science Foundation, Washington, D. C., Modelling, Control, and Simulation of Human Movement, Department of Electrical Engineering (H. Hemami), 1 July 1982 through 30 June 1983. (Project 763112 - New)

\$61,391.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 June 1982 through 31 May 1983. (Project 763079 - Continuation)

\$56,000.00 - National Science Foundation, Washington, D. C., Magnetic Resonance in Ferromagnetic Domain Walls, Department of Physics (P. E. Wigen), 1 July 1982 through 30 June 1983. (Project 762292 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Paleoclimatic Ice Core Records from the Tropical Quelccaya Ice Cap, Institute of Polar Studies (D. H. Elliot and L. G. Thompson), 1 June 1982 through 31 May 1983. (Project 762663 - Continuation)

\$48,979.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Energetics of Calcium Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1982 through 30 June 1983. (Project 760993 - Continuation)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$48,000.00 - National Science Foundation, Washington, D. C., Research Initiation: Independent Modal-Space Control of Flexible Systems, Department of Aeronautical and Astronautical Engineering (H. Oz), 1 July 1982 through 31 December 1984. (Project 763102 - New)

\$46,670.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Lung Carbon Dioxide Receptors and Ventilatory Control, Department of Anesthesiology (R. D. Tallman), 1 May 1982 through 30 April 1983. (Project 763073 - New)

\$43,395.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Spectral Sensitivities of Turtle Photoreceptors, Department of Biophysics (L. E. Lipetz), 1 June 1982 through 31 May 1983. (Project 762642 - Continuation)

\$42,600.00 - National Science Foundation, Washington, D. C., Microparticle Analysis and Glaciological Interpretation of the 500-m Ice Core, South Pole Antarctica, Institute of Polar Studies (D. H. Elliot, E. Mosley-Thompson, and L. Thompson), 1 May 1982 through 30 September 1983. (Project 762875 - Continuation)

\$41,743.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Research on the Braking and Handling Properties of Trucks and Other Vehicles, Department of Mechanical Engineering (D. A. Guenther), 1 July 1982 through 30 June 1983. (Project 763106 - New)

\$40,000.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Advanced Adaptive Antenna Techniques, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 28 April 1982 through 30 September 1982. (Project 763084 - New)

\$39,044.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells *in Vivo*, College of Pharmacy (D. T. Witiak), 1 July 1982 through 30 September 1982. (Project 762177 - Continuation)

\$37,479.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, *in Vitro*, Department of Physiological Chemistry (G. E. Milo), 1 July 1980 through 30 June 1983. (Project 762178 - Continuation)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,217.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Intercomparison of Different Space Geodetic Measurement and Computational Data, Department of Geodetic Science and Surveying (I. I. Mueller), 1 July 1982 through 30 June 1983. (Project 761054 - Continuation)

\$34,200.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (O. J. Sproul and A. J. Rubin), 13 May 1982 through 21 May 1983. (Project 762682 - Continuation)

\$32,562.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Energetics of Ca^{2+} Cycling During Muscle Contraction, Department of Physiology (J. A. Rall), 1 July 1982 through 30 June 1983. (Project 761174 - Continuation)

\$30,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 July 1982 through 30 June 1983. (Project 760226 - Continuation)

\$29,917.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 July 1982 through 30 September 1982. (Project 762179 - Continuation)

\$29,721.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Strategies to Disrupt Pregnancy in the Tsetse Fly, Department of Entomology (D. L. Denlinger), 1 May 1982 through 30 April 1983. (Project 762136 - Continuation)

\$29,626.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Problems of Statistical Inference with Special Application, Department of Statistics (J. S. Rustagi), 1 April 1982 through 31 March 1983. (Project 763099 - Continuation)

\$26,862.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1982 through 30 June 1983. (Project 761657 - Continuation)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$26,795.00 - Department of Defense, Defense Dependent Schools, Washington, D. C., Foreign Language Workshop, Academic Faculty of Humanities Education (E. D. Allen and D. W. Birckbichler), 1 August 1982 through 20 August 1982. (Project 763107 - New)

\$25,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 April 1982 through 30 June 1982. (Project 762612 - Continuation)

\$23,500.00 - National Science Foundation, Washington, D. C., The Banach-Mazur Distance Between Finite Dimensional Spaces and Projection Constants, Department of Mathematics (W. J. Davis), 1 July 1982 through 30 June 1983. (Project 762659 - Continuation)

\$21,360.00 - National Science Foundation, Washington, D. C., Topics in Ergodic Theory, Department of Mathematics (A. del Junco), 1 July 1982 through 30 June 1984. (Project 762160 - Continuation)

\$20,000.00 - Environmental Protection Agency, Washington, D. C., Lake Erie Sediment Resuspension and Transport Mechanisms: Nearshore Vertical Profiles and Flux Rates, Department of Civil Engineering (K. W. Bedford and C. A. Moore), 1 April 1982 through 31 March 1983. (Project 762224 - Continuation)

\$19,999.00 - National Science Foundation, Washington, D. C., Stratigraphy, Sedimentology and Sedimentary Petrology and Permian-Triassic Gondwana Sequence in North Victoria Land, Antarctica, Institute of Polar Studies (J. W. Collinson), 1 May 1982 through 30 June 1983. (Project 762829 - Continuation)

\$19,909.00 - National Science Foundation, Washington, D. C., Bounding the Norm of the Poincare Theta Operator, Department of Mathematics (L. A. Parson), 1 July 1982 through 30 June 1984. (Project 763078 - New)

\$18,380.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Anatomy of the Acoustic-Motor Pathways in the Opossum, Department of Anatomy (G. F. Martin and F. H. Willard), 1 June 1982 through 31 May 1983. (Project 763100 - New)

\$17,947.00 - National Science Foundation, Washington, D. C., Glaciology Near Dome "C", East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 July 1982 through 30 June 1983. (Project 762783 - Continuation)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$16,480.00 - Department of Education, Office of Procurement and Assistance Management, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (D. C. Cavin), 1 June 1982 through 31 May 1983. (Project 762209 - Continuation)

\$13,390.00 - Department of Education, Office of Special Education, Office of Procurement and Assistance Management, Washington, D. C., Inservice Training for School Administrators, Academic Faculty for Exceptional Children (J. O. Cooper), 1 June 1982 through 31 May 1983. (Project 762139 - Continuation)

\$5,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Conference on Wave Propagation and Scattering, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 22 April 1982 through 21 April 1983. (Project 763098 - New)

\$3,046.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1982 through 31 March 1983. (Project 760063 - Continuation)

\$2,000.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 March 1982 through 15 September 1982. (Project 762359 - Continuation)

\$1,063.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Substituted Polycyclic Hydrocarbons, Department of Chemistry (M. S. Newman and D. W. Meek), 1 June 1982 through 30 June 1982. (Project 761809 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$3,073,445.00

State of Ohio Research Contracts/Grants

\$41,421.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio's Martin W. Essex School for the Gifted 1982, Academic Faculty for Exceptional Children (R. H. Swassing and S. E. McCormick), 1 April 1982 through 31 March 1983. (Project 763095 - New)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$14,861.00 - The Ohio Program in the Humanities, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Black Studies (I. J. Mowoe) and Department of Romance Languages and Literatures (R. W. Bjornson), 6 March 1982 through 30 June 1982. (Project 763058 - New)

\$3,000.00 - Ohio Arts Council, Columbus, Ohio, Hispanic Awareness Week - Tony Croatto Concert, Department of Student Organizations and Community Life (M. Livingston), 18 March 1982 through 4 April 1982. (Project 763103 - New)

\$1,200.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Perceptions of Natural Area Managers Towards Resources and Visitors, School of Natural Resources (J. L. Heywood and G. W. Mullins), 14 May 1982 through 31 March 1983. (Project 763044 - New)

\$1,050.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, An Assessment of the Impact of Educational/Interpretive Programming in Selected Ohio Natural Areas, School of Natural Resources (M. L. Bowman-Cowen), 14 May 1982 through 31 March 1983. (Project 763045 - New)

\$984.00 - The Ohio Program in the Humanities, Columbus, Ohio, Broadcast of the 1982 Boyd H. Bode Memorial Lecture, Department of Telecommunications (D. K. Ouzts), 5 April 1982 through 31 May 1982. (Project 763070 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 62,516.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$675,420.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 28 April 1982 through 31 July 1983. (Project 763094 - New)

\$73,857.00 - The Kroc Foundation, Santa Ynez, California, B Cell Function in Human Autoimmunity, Department of Medicine (R. L. Whisler), 1 July 1982 through 30 June 1984. (Project 763091 - New)

\$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), Department of Pediatrics (J. A. Menke), and Department of Obstetrics and Gynecology (J. D. Iams), 1 April 1982 through 31 March 1983. (Project 763087 - New)

\$46,580.00 - American Council of Life Insurance, Washington, D. C., The Level and Composition of Household Savings, Academic Faculty of Finance (P. H. Hendershott), 1 March 1982 through 31 October 1983. (Project 763096 - New)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$44,887.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Fundamental Characteristics of Gas-Liquid-Solid Fluidized Bed Reactor for Hydrocarbon Processing, Department of Chemical Engineering (L. S. Fan), 1 September 1982 through 31 August 1985. (Project 763097 - New)

\$37,778.00 - Technicon Instruments Corporation, Tarrytown, New York, Trace Organic Analysis by a Combination of Optical and Electrochemical Methods, Department of Chemistry (R. L. McCreery), 1 June 1982 through 31 May 1983. (Project 762616 - Continuation)

\$33,700.00 - The University of Tennessee, Knoxville, Tennessee, Modeling for Ultrasonic NDE of Columnar Structure in Anisotropic Materials, Department of Welding Engineering (L. Adler), 14 March 1982 through 14 March 1983. (Project 762453 - Continuation)

\$31,769.00 - American Congress on Surveying and Mapping, Falls Church, Virginia, Organizing and Establishing a National Committee for Digital Cartographic Data Standards, Department of Geography (H. J. Moellering), 10 March 1982 through 9 March 1983. (Project 763069 - New)

\$30,235.00 - Procter and Gamble Company, Cincinnati, Ohio, A Double Blind, Parallel Comparison of Aspirin and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry - Administration (J. M. Weaver and F. M. Beck), 1 May 1982 through 10 July 1982. (Project 763075 - New)

\$30,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Meta-Xylylene and Related Compounds, Department of Chemistry (M. S. Platz), 1 June 1982 through 31 August 1984. (Project 763088 - New)

\$30,000.00 - Associated Builders and Contractors, Inc., Washington, D. C., Painter and Plumber Apprenticeships Curriculum Development for Wheels of Learning Construction Training Program, Academic Faculty of Industrial Technology (D. G. Lux, W. E. Ray, and E. K. Blankenbaker), 1 May 1982 through 15 July 1982. (Project 762908 - Continuation)

\$26,206.89 - Various Pharmaceutical Labs, Research in Clinical Pharmacology, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - New)

\$25,291.00 - National Cash Register, NCR Central Technical Education Center, Miamisburg, Ohio, Development of a Criterion Referenced Training Course for NCR Field Engineers: Tape Drive Unit - Model 6325 (Phase I), Academic Faculty of Vocational-Technical Education (A. J. Miller) and College of Education - Administration and Academic Faculty of Industrial Technology (J. J. Buffer), 10 March 1982 through 15 June 1982. (Project 763111 - New)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$21,861.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 1 April 1982 through 1 October 1982. (Project 763092 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of Long-term Stimulation on Muscle Oxygenation, Department of Physiology (E. W. Kanabus), 1 July 1982 through 30 June 1983. (Project 762710 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Energetics of Contraction in Single Muscle Cells, Department of Physiology (J. A. Rall), 1 October 1982 through 30 September 1983. (Project 763110 - New)

\$15,220.00 - San Diego State University Foundation, San Diego, California, Field and Laboratory Investigations of Soils at Eagle Creek and Other Selected Areas, Institute of Polar Studies (K. R. Everett and D. H. Elliot), 1 May 1982 through 30 April 1983. (Project 763109 - New)

\$14,200.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 June 1982 through 30 September 1982. (Project 762511 - Continuation)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Determination of Left Ventricular Mechanical Efficiency, Department of Physiology (H. P. Pieper and G. M. Pantalos), 1 July 1982 through 30 June 1983. (Project 763108 - Continuation)

\$10,653.00 - Iowa State University - Ames Laboratory, Energy and Mineral Resources Research Institute, Ames, Iowa, Elastic Wave Scattering by Flaws for Application to NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 June 1982 through 30 September 1982. (Project 762502 - Continuation)

\$10,000.00 - The Weight Watchers Foundation, Inc., Manhasset, New York, Role of Endorphins in Obesity, Department of Pharmacology (G. A. Tejwani), 1 July 1982 through 30 June 1983. (Project 762665 - Continuation)

\$7,000.00 - General Electric Company, Syracuse, New York, Hybrid Metallic Radome, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 17 May 1982 through 29 October 1982. (Project 763105 - New)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$6,000.00 - Institute of International Education, New York, New York, UNESCO Special International Visitors, Department of Communication (J. L. Golden), 1 April 1982 through 30 September 1982. (Project 763090 - New)

\$6,000.00 - Westinghouse Electric Corporation, Power Electronics and Drive Systems Division, Buffalo, New York, The Potential of Japan's KANBAN System in Different Manufacturing Settings: Computer Simulation and Behavioral Assessments, Academic Faculty of Management Science (L. J. Krajewski and L. P. Ritzman), 1 April 1982 through 30 June 1982. (Project 762537 - Continuation)

\$5,105.00 - Southwest Oncology Group, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Pathology (R. O'Toole), 1 January 1982 through 31 December 1982. (Project 761460 - Continuation)

\$4,849.00 - Southeastern Ohio Technical Education Consortium, Nelsonville, Ohio, Cooperative Agreement Between Southeastern Ohio Technical Consortium and The Ohio State University Research Foundation, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - Field Operations (L. G. Sanford and D. P. Miller), 29 March 1982 through 15 June 1982. (Project 763083 - New)

\$4,455.55 - The Toledo Edison Company, Toledo, Ohio, Toledo Edison Environmental Report Preparation and Evaluation, Center for Lake Erie Area Research (J. M. Ruetter), 1 May 1982 through 31 August 1982. (Project 763101 - New)

\$3,500.00 - University of Illinois at Urbana-Champaign, Region V Child Welfare Training Center, Urbana, Illinois, Multiregional Conference on Institutional Abuse and Neglect, College of Social Work (N. J. Rindfleisch), 1 February 1982 through 31 July 1982. (Project 763086 - New)

\$2,470.00 - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverly), 1 July 1981 through 30 June 1982. (Project 761794 - Continuation)

\$2,372.00 - Caldwell Community College and Technical Institute, Hudson, North Carolina, Implementing Competency-Based Occupational Education Programs, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1982 through 30 September 1982. (Project 763093 - Continuation)

\$1,478.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyrindamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 May 1982 through 31 May 1982. (Project 762928 - Continuation)

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$1,427.00 - Southwest Oncology Group, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 April 1982 through 31 May 1982. (Project 760617 - Continuation)

\$1,056.00 - The University of Wisconsin-Milwaukee, Milwaukee, Wisconsin, Multi-regional Conference on Institutional Abuse and Neglect, College of Social Work (N. J. Rindfleisch), 1 February 1982 through 31 May 1982. (Project 763085 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON- FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,301,370.44
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ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$26,000.00 - The Ohio State University, Office of Physical Facilities, for "Study of Energy Conservation for University Buildings--Program 4244," Department of Mechanical Engineering, October 11, 1973 through December 31, 1982. (EES 468X, Extension 11-529008)

\$296,101.00 - 23 sponsors of development projects under the direction of nine engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT	\$ 322,101.00
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OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$18,000.00 - Agricultural Cooperative Service, U. S. Department of Agriculture, Washington, D. C., support of a study on electronic marketing of slaughter hogs: transitioning to commercial viability, Department of Agricultural Economics and Rural Sociology, April 1, 1982 to March 31, 1983. (Contract No. 58-31C7-2-1000)

\$2,000.00 - Michigan State University, Pesticide Research Center, East Lansing, Michigan, support of a study on IR-4 Program 1982 Food-Use Projects, Department of Plant Pathology, April 20, 1982 to January 31, 1983. (Contract No. P. O. 02669)

TOTAL - FEDERAL CONTRACTS/GRANTS	\$ 20,000.00
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July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial and Other Contracts/Grants

\$20,000.00 - The Standard Oil Company (SOHIO), Cleveland, Ohio, support of a study on use of ancestral germplasm for increased corn production, Departments of Entomology and Agronomy, April 30, 1982 to April 29, 1983. (Contract No. P. O. 44-0229-B295)

\$10,500.00 - Lilly Research Laboratories, Worthington, Ohio, support of a study to evaluate the growth promotant properties of EL-750 on growing/finishing swine, Department of Animal Science, May to November 1982.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS \$ 30,500.00

Gifts of \$5,000 or More

\$6,000 from Dow Chemical Company, Midland, Michigan
\$6,000 from Mobay Chemical Corporation, Kansas City, Missouri
\$5,000 from Mandops, Inc., West Palm Beach, Florida

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

April 1982

Gifts of \$5,000 or More

\$40,755.92 Louise Orr Scott Foundation, Columbus, Ohio--\$30,566.94 for William C. Orr and Mary B. Orr Scholarship in Medicine and \$10,188.98 for William C. Orr and Mary B. Orr Scholarship in Pharmacy.

\$34,276.33 Sterling-Winthrop Research Institute, Rensselaer, New York--\$20,111.00 for Cardiovascular Pharmacology Fund; \$10,832.00 for Amrionone Research-Dynamics; and \$3,333.33 for Amrionone Research-Hematology.

\$26,000.00 Coopers & Lybrand, New York, New York--\$16,000.00 for Coopers & Lybrand Fund and \$10,000.00 for Coopers & Lybrand Fund Scholars Program.

\$25,600.00 Janssen Pharmaceutical Company, New Brunswick, New Jersey, for Anesthesia Research Education Fund.

\$25,000.00 Amoco Foundation, Inc., Chicago, Illinois, for Advanced Design Methods Lab, Mechanical Engineering.

\$19,433.00 Warner-Lambert, Morris Plains, New Jersey, for Anesthesia Research Education Fund.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$16,130.30	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$13,500.00	Dow Chemical, Midland, Michigan--\$6,000.00 for Plant Pathology-Special Fund; \$4,500.00 for Agronomy Weed Research Fund; and \$3,000.00 for Dow Research Fellowship.
\$12,117.62	Carl Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.
\$10,693.34	Wendy's International, Inc., Dublin, Ohio--\$5,693.34 for Menopausal Project Fund and \$5,000.00 for Student Athlete Grant-in-Aid Fund.
\$10,000.00	Grand Aerie Eagles Fraternal Order, Columbus, Ohio, for Cancer Research Center.
\$10,000.00	Thurman Manufacturing Company, Columbus, Ohio--\$8,000.00 for ISE Advancement Fund and \$2,000.00 for Student Athlete Grant-in-Aid Fund.
\$ 9,750.00	B. F. Goodrich Company, Akron, Ohio--\$7,500.00 for B. F. Goodrich Company Fund; \$1,000.00 for Structural Dynamics Research Center Fund; \$500.00 for Chemical Engineering Support Fund; \$500.00 for Home Economics Program Fund; \$150.00 for History Discretionary Fund; and \$100.00 for undesignated purposes.
\$ 8,333.00	Ohio Federal Products Credit, Marion, Ohio, for Endowed Program Fund in Cooperative Business Management.
\$ 8,000.00	Midland-Ross Corporation, Urbana, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 7,200.00	Melvin Moffitt, San Antonio, Texas, for M. E. Moffitt Memorial Fund.
\$ 6,500.00	Capital City Products, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 6,250.00	Hanna Chemical Coatings Corporation, Columbus, Ohio--\$6,000.00 for Student Athlete Grant-in-Aid Fund and \$250.00 for Friends of WOSU.
\$ 6,000.00	Gleason Memorial Fund, Inc., Rochester, New York, for Gear Dynamics Lab Fund.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 5,000.00 Ashland Chemical Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
- \$ 5,000.00 Brubaker/Brandt, Columbus, Ohio, for Architecture Division Fund.
- \$ 5,000.00 Duriron Company, Inc., Dayton, Ohio, for Duriron Company Scholarship.
- \$ 5,000.00 Fluid Power Education Fund, Milwaukee, Wisconsin, for Fluid Power Fund.
- \$ 5,000.00 George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation for Enology and Viticulture.
- \$ 5,000.00 Marion Area College Foundation, Inc., Marion, Ohio, for Marion Campus Scholarship Fund.
- \$ 5,000.00 OSU Dental Alumni Association, Worthington, Ohio, for Dental Alumni Loan.
- \$ 5,000.00 Republic Steel, Cleveland, Ohio, for Republic Steel Research Fund.
- \$ 5,000.00 Structural Dynamics, Milford, Ohio, for Advanced Design Methods Lab-Mechanical Engineering.
- \$ 5,000.00 Walter Wall, Columbia, Maryland, for OSU Campaign-China.

May 1982

- \$50,000.00 The Kiplinger Foundation, Washington, D. C., for W. M. Kiplinger Chair.
- \$35,133.79 Retinal Consultants, Columbus, Ohio--\$32,832.97 for Retina Research Fund and \$2,300.82 for Ophthalmology Photography Fund.
- \$34,873.35 Herold Angela, Cleveland, Ohio, for Pharmacy Advancement Fund.
- \$28,500.00 John Nordholt, Tiffin, Ohio, for Nordholt Professorship in Engineering.
- \$25,620.00 Armco Foundation, Middletown, Ohio--\$25,000.00 for Mars G. Fontana Professorship Fund; \$400.00 for College of Engineering Special Fund; \$70.00 for Friends of the Library; \$50.00 for Blood Research-Bouroncle Fund; \$50.00 for College of Social Work Fund; and \$50.00 undesignated.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$25,100.00	Cecilia and Arthur Cullman Fund of the Columbus Foundation, Columbus, Ohio--\$10,000.00 for Abramowitz Professorship Fund; \$10,000.00 for Cullman Symposium Fund; \$5,000.00 for College of Administrative Science Fund; and \$100.00 for Schwartz Family Fund.
\$25,000.00	Borden, Inc., Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$25,000.00	Edwin A. and Julia Green Dodd Fund No. 2 of the Cleveland Foundation, Cleveland, Ohio, for furtherance in Extension Work--Cuyahoga County.
\$25,000.00	Pulmonary Association, Columbus, Ohio, for Pulmonary Research-Whitcomb Fund.
\$21,325.00	Nelson Lancione, Columbus, Ohio--\$18,257.52 for John B. Lancione Memorial Fund; \$2,567.48 for Presidents Club Special Fund; and \$500.00 for Student Athlete Grant-in-Aid Fund.
\$20,111.00	Sterling-Winthrop, Rensselaer, New York, for Cardiovascular Pharmacology Fund.
\$20,000.00	Bremer Foundation, Youngstown, Ohio, for Bremer Foundation Fund.
\$18,243.80	Warner Pomerene, Coshocton, Ohio--\$7,297.52 for Pomerene Medical Research Fund; \$5,473.14 for Pomerene Fund in Agriculture; and \$5,473.14 for J. W. Bricker Professorship.
\$17,318.99	American Medical Association, Chicago, Illinois, for Faculty Seminar-Medicine Fund.
\$17,000.00	Ernst and Whinney Foundation, Cleveland, Ohio, for Ernst and Whinney Conference.
\$16,638.75	Textron, Inc., Providence, Rhode Island, for J. B. Collinson Fund.
\$14,728.36	University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
\$14,342.17	Order of Eastern Star, Grand Chapter, Danville, Ohio, for Cancer Research Fund.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$11,050.00 OSU Women's Club, Worthington, Ohio--\$8,050.00 for OSU Women's Scholarship Fund and \$3,000.00 for University Women's Club Loan.
- \$10,000.00 Essie Zesinger, Columbus, Ohio, for undesignated purposes.
- \$ 9,500.00 Central Ohio Technical College, Newark, Ohio, for Newark Campus Scholarship Fund. *
- \$ 8,400.00 Mead Johnson and Company, Evansville, Indiana, for Ryan Cardiology Disease Fund.
- \$ 8,000.00 Ohio Dairy Farmers' Federation, Columbus, Ohio, for Ohio Dairy Research Fund.
- \$ 8,000.00 Ohio Turfgrass Foundation, Columbus, Ohio--\$4,500.00 for Turfgrass Research Fund and \$3,500.00 for Turf Diseases Fund.
- \$ 8,000.00 Summer and Company, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
- \$ 7,471.00 Ohio Federation Production Credit Association, Marion, Ohio--\$4,671.00 for Endowed Program Fund Cooperative Business Management Fund and \$2,800.00 for Ohio Federation Production Credit Association Scholarship Fund.
- \$ 7,000.00 Life Insurance Financial Credit, Columbus, Ohio, for Ophthalmology Teaching Fund.
- \$ 6,750.00 Alcoa Foundation, Pittsburgh, Pennsylvania--\$1,750.00 for Alcoa Foundation Scholarship; \$1,000.00 for Alcoa Scholarship Fund in Chemical Engineering; \$1,000.00 for Alcoa Scholarship Fund in Electrical Engineering; \$1,000.00 for Alcoa Scholarship Fund in Industrial Engineering; \$1,000.00 for Alcoa Scholarship Fund in Mechanical Engineering; and \$1,000.00 for Alcoa Scholarship Fund in Metallurgical Engineering.
- \$ 6,500.00 AmeriTrust, Cleveland, Ohio, for A. M. & H. R. Templeton Medical Research Fund.
- \$ 6,500.00 SCOA Industries, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 6,000.00 AccuRay Corporation, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
- \$ 6,000.00 Touche Ross Foundation, New York, New York, for Touche Ross Accounting Fund.
- \$ 5,825.00 Ciba-Geigy Corporation, Ardsley, New York--\$5,800.00 for Agronomy Weed Research Fund and \$25.00 for College of Agriculture Support Fund.
- \$ 5,400.00 Rhone-Poulenc, Inc., New York, New York--\$1,200.00 for Horticulture Weed Control Research Fund; \$1,200.00 for Turfgrass Research Fund; \$1,000.00 for Weed Science Endowment Fund; \$700.00 for Ornamentals Plant Pathology Fund; \$700.00 for Turf Disease Fund; and \$600.00 for Nursery Research Fund.
- \$ 5,250.00 Shell Development Company, Houston, Texas, for Agronomy Weed Research Fund.
- \$ 5,000.00 Hannon Company, Canton, Ohio, for Equine Embryo Research Fund.
- \$ 5,000.00 Mid Ohio Chemical Company, Inc., Washington Court House, Ohio--\$4,500.00 for Professorship in Plant Protection and \$500.00 for Student Athlete Grant-in-Aid Fund.
- \$ 5,000.00 Owens Corning Fiberglas Corporation, Newark, Ohio, for Owens Corning Fund.
- \$ 5,000.00 Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fund.
- \$ 5,000.00 W. J. and P. J. Richards Trust, Portsmouth, Ohio, for Neuroscience Research Lab.
- \$ 5,000.00 Sensotec, Inc., Columbus, Ohio, for Cullman Symposium Fund.

Gifts-in-Kind

- \$ 8,160.00 Ted Cook, Columbus, Ohio, Computer.
- \$ 7,656.00 E. Jossem, Columbus, Ohio, Journals, Texts, and Monographs.

July 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Fund

The W. Arthur Cullman Business Policy Support Fund

The W. Arthur Cullman Business Policy Support Fund was established July 9, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of W. Arthur Cullman.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used as recommended by the appropriate faculty chairperson and as approved by the Dean of the College of Administrative Science to improve the various programs in policy and marketing.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for marketing education.

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PLANS AND SPECIFICATIONS

Resolution No. 83-10

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

**LABORATORY ANIMAL CENTER - BUILDINGS 2 AND 3
MODIFY AIR CONDITIONING SYSTEMS**

- Project: Replace present gas-fired absorption chillers with more energy efficient systems. Present chillers are high energy users, have high maintenance, and most repair parts are no longer available.
- Funding: Local, Contract Repair, 1982-83
- Estimated Project Cost: \$100,000

July 9, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**LABORATORY ANIMAL CENTER - BUILDINGS 2 AND 3
MODIFY AIR CONDITIONING SYSTEMS (contd)**

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-11

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

JESSE OWENS MEMORIAL ALL-WEATHER TRACK

Description: Provide a 400-meter track and all required ancillary facilities within and adjacent to Ohio Stadium to meet all facility requirements, as established by the International Amateur Athletic Federation (IAAF), for world-class track and field events.

General Contract

Date Received: June 4, 1982

No. of Bids: 3

July 9, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

JESSE OWENS MEMORIAL ALL-WEATHER TRACK (contd)

General Contract (contd)

Low Bid:	\$ 704,100.19*
High Bid:	\$ 858,807.50*
Estimate of Cost:	\$1,003,006.20
Awarded to:	Rekortan Sports Corporation, Seattle, Washington

Electrical Contract

Date Received:	May 21, 1982
No. of Bids:	3
Low Bid:	\$ 17,914.00
High Bid:	\$ 23,245.00
Estimate of Cost:	\$ 20,000.00
Awarded to:	Jess Howard Electric, Columbus, Ohio

Total All Contracts: \$ 722,014.19

Total Contingency Allowance: \$ 63,514.03 which is 8 per cent of construction contracts

Total Project Cost: \$ 876,775.91

Funding: Amended Substitute House Bill 552
and Local University Funds

GAS LINE PROTECTION

Description: Installation of protection on University gas distribution lines to reduce the rate of deterioration and extend the life of the system.

Mechanical Contract

Date Received:	May 27, 1982
No. of Bids:	4
Low Bid:	\$ 112,250.00*
High Bid:	\$ 139,900.00*
Estimate of Cost:	\$ 197,000.00*
Awarded to:	Edmonds Mechanical Contractors, Inc., Columbus, Ohio

* Recommended alternates reflected in these figures.

July 9, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

GAS LINE PROTECTION (contd)

Total Contract: \$ 112,250.00

Total Contingency Allowance: \$ 17,260.32 which is 15 per cent of construction contract

Total Project Cost: \$ 132,329.00

Funding: Amended Substitute House Bill 552
 (Utilities and Renovation)

LINCOLN TOWER - INSTALLATION OF TELEPHONE DUCTS

Description: Installation of telephone duct work from the manhole at the southeast corner of Drake Union on Cannon Drive to Room 128 of Lincoln Tower. The duct system is to be used in conjunction with the expansion of the University's telephone system.

Electrical Contract

Date Received: June 9, 1982

No. of Bids: 5

Low Bid: \$ 23,200.00

High Bid: \$ 28,435.00

Estimate of Cost: \$ 32,000.00

Awarded to: Electric Power Equipment Company, Columbus, Ohio

Total Contract: \$ 23,200.00

Total Contingency Allowance: \$ 1,856.96 which is 8 per cent of construction contract

Total Project Cost: \$ 29,713.00

Funding: Local University Funds, Account 885171

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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July 9, 1982 meeting, Board of Trustees

**PURCHASE OF PROPERTY
992.67 ACRES IN MADISON COUNTY, OHIO**

Resolution No. 83-12

Synopsis: Authorization to purchase 992.67 acres in Madison County, Ohio, and to designate it as the Molly Caren Agricultural Center.

WHEREAS the University has been presented with an opportunity to acquire 992.67 acres of farmland known as the Upper Gwynne South Farm located along the north side of U. S. Route 40 in Madison County approximately three miles north of the City of London; and

WHEREAS this property has an appraised value of \$2,200,000.00 and the owner, Mrs. John M. Caren, has offered to make a substantial gift to the University by offering to sell the property to the University for \$500,000.00; and

WHEREAS this farm is to be designated the Molly Caren Agricultural Center; and

WHEREAS the appropriate University offices have determined that the purchase of this property and acceptance of Mrs. Caren's gift is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to take such action necessary to purchase the Upper Gwynne South Farm at a price of \$500,000.00 and upon such terms and conditions as they consider to be in the best interest of the University and to accept the gift of Mrs. Caren on behalf of the Board of Trustees.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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WAIVER OF GROUP LIFE POLICY REQUIREMENT FOR HAROLD L. ENARSON

Resolution No. 83-13

Synopsis: The waiver of a policy requirement pertaining to Group Life Insurance for retired employees of The Ohio State University is proposed.

WHEREAS the Board of Trustees of The Ohio State University adopted on April 10, 1959, a resolution which states that employees who retire after age 55 with at least ten years of service may continue their group life insurance to age 70, provided said employees are eligible to receive retirement benefits under any entitlements administered by the State of Ohio; and

July 9, 1982 meeting, Board of Trustees

WAIVER OF GROUP LIFE POLICY REQUIREMENT FOR HAROLD L. ENARSON (contd)

WHEREAS this Board wishes to ensure the continued coverage President Emeritus Harold L. Enarson has under the Group Life Insurance program:

NOW THEREFORE

BE IT RESOLVED, That the policy requirement which stipulates that "employees who retire after age 55 with ten years of service" is hereby waived in the case of President Emeritus Harold L. Enarson; and

BE IT FURTHER RESOLVED, That pursuant to this action, upon the remittance of the appropriate premiums, President Emeritus Harold L. Enarson may continue to be covered under the Group Life Insurance program on the same basis as all other eligible retired faculty and staff members as defined in the appropriate certificate of insurance.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EXPRESSION OF APPRECIATION TO PROVOST W. ANN REYNOLDS

Resolution No. 83-14

WHEREAS W. Ann Reynolds has served The Ohio State University with great skill and distinction as Provost during the past three years; and

WHEREAS Dr. Reynolds' commitment to academic excellence has been evidenced in every facet of her career at Ohio State; and

WHEREAS Dr. Reynolds has had a special interest in enhancing the retention levels and graduation rates of students enrolled at this University; and

WHEREAS under her leadership as Provost, Ohio State has originated a number of significant actions to ensure that the youth of Ohio have the academic preparation necessary for college-level work, and receive all necessary assistance in attaining requisite skill levels when deficiencies are found; and

WHEREAS the California State University system has recognized the outstanding qualities of Dr. Reynolds and has appointed her to the position of Chancellor of that system:

NOW THEREFORE

BE IT RESOLVED, That this Board and the University express to Dr. Reynolds their thanks and appreciation for three years of dedicated leadership and service to The Ohio State University, and wish Dr. Reynolds and her family the very best of fortunes in their new undertakings.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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July 9, 1982 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO PROFESSOR RICHARD D. GILSON

Resolution No. 83-15

WHEREAS Professor Richard D. Gilson has served as a member of the University Senate for two years; and

WHEREAS during those two years, Dr. Gilson has been a member of the Steering Committee of the University Senate, and served during the 1981-82 year as Chairman of that Committee; and

WHEREAS Professor Gilson's leadership of the committee during a period of financial uncertainty and administrative transition and realignment has evidenced exceptional dedication, strength and ability; and

WHEREAS he is nearing the completion of his tenure as member and Chairman of the Steering Committee:

NOW THEREFORE

BE IT RESOLVED, That the University and this Board recognize Professor Richard D. Gilson for his fine service and applaud and thank him for his time, devotion and many accomplishments as Chairman of the Senate Steering Committee during 1981-82.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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EXPRESSION OF APPRECIATION TO JUDGE ROBERT M. DUNCAN

Resolution No. 83-16

WHEREAS upon creation in 1980 of the University Hospitals Board, Judge Robert M. Duncan was asked by the Board of Trustees to serve on the new board; and

WHEREAS Judge Duncan was elected Chairman of that board and served in that capacity during his two years of Hospitals Board membership; and

WHEREAS his leadership as Chairman of that board encompassed the initial organizational stages of the board, a period which is one of the most challenging and difficult for any organization; and

WHEREAS Judge Duncan's brilliant leadership and working faith during these last two years epitomize the personal and professional qualities which have been recognized over time; and

WHEREAS Judge Duncan's resolve, dedication and support of the University beyond his service on the Hospitals Board have been evidenced in innumerable ways over the years:

July 9, 1982 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO JUDGE ROBERT M. DUNCAN (contd)

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University and the Board of Trustees express to Judge Robert M. Duncan their deep gratitude in recognizing and saluting him for his two years of service as member and first Chairman of the University Hospitals Board; and

BE IT FURTHER RESOLVED, That the Trustees look forward to a continuing positive and productive association with Judge Duncan and hope to be able to find new ways to utilize his vast talents and energies toward the continued enhancement of the missions of The Ohio State University, and more specifically, the work of the University Hospitals.

Upon motion of Mr. Havens, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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Chairman Smith presented the following:

EXPRESSION OF APPRECIATION TO DR. HENRY G. CRAMBLETT

Resolution No. 83-17

WHEREAS Dr. Henry G. Cramblett has served The Ohio State University in a variety of capacities during his more than 18 years of service - as Professor of Pediatrics; Chairman and Professor, Medical Microbiology; Secretary of the Faculty, College of Medicine; Dean, College of Medicine; Acting Vice President for Medical Affairs; and Vice President for Health Sciences; and

WHEREAS Dr. Cramblett's commitment and contributions to the medical profession, to academic excellence and to the enhancement of health care delivery systems have been evidenced by the sustained progress which has been made during his tenure at Ohio State; and

WHEREAS Dr. Cramblett's leadership and dedicated efforts to round out the development of the physical dimensions of the health care complex have been recognized by peers and associates; and

WHEREAS his loyalty, dedication and enthusiastic support have contributed substantially to the accomplishment of the varied mission of the University:

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University and this Board recognizes Dr. Henry G. Cramblett for his contributions and commend him for his efforts, good work and many splendid accomplishments; and

July 9, 1982 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO DR. HENRY G. CRAMBLETT (contd)

BE IT FURTHER RESOLVED, That this Board in approving the recommendation of the Dean of the College of Medicine and the President, that Dr. Henry G. Cramblett be appointed to the Pomerene Chair, adds its concurrence to the affirmation of the high esteem and regard which the University holds for Dr. Cramblett.

Upon motion of Mr. Immke, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-18

RESOLVED, That the report on the University's Investment Portfolio, dated June 30, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, September 3, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

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APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 2, 1982

Commencement Speaker

Dr. John Peter Minton

Doctor John Peter Minton has earned four degrees from The Ohio State University: a bachelor of science in 1956, a doctor of medicine in 1960, a master of medical science in surgery in 1966, and a doctorate in microbiology in 1969. He was certified by the American Board of Surgery in 1969 and has been a licensed practicing physician in the state of Ohio since 1960. Throughout his career, Dr. Minton has been in the forefront of cancer research and treatment. He pioneered laser cancer research as early as 1963. As the American Cancer Society Professor of Clinical Oncology at Ohio State, he is an active and innovative cancer practitioner. His major areas of clinical investigation involve primary and secondary breast and colon cancers, metastatic liver cancer, and melanoma. He served as clinical associate at the National Cancer Institute and as Clinical Cancer Fellow at the American Cancer Society. The winner of the Mead Johnson Award for Graduate Training in Surgery, he is also the recipient of many other awards for teaching, research, and practice. Dr. Minton is a member of many honoraries and professional associations—including the American Medical Association, the Royal Society of Health, the Societe Internationale de Chirurgie, and the American College of Surgeons. An eminent teacher, an internationally recognized leader in his field, and a gifted speaker, he has distinguished himself and this University through his life and work, and his record of achievement cannot be done justice in these brief remarks. The University takes special pride in having one of its most distinguished alumni address the graduates of this its 281st commencement.

Recipients of Honors

John Wilson Black

Doctor of Humane Letters

Dr. John Black's many contributions to the development of speech and hearing science have enriched his profession and have brought him national and international recognition as a scholar and a researcher. For over fifty years he has conducted research on the understanding of the speech process and on hearing disorders, as well as extensive studies of children's ethnic speech patterns. Dr. Black has been selected as an international consultant for his expertise on industrial noise and its effects, and he directed the Army Air Force Voice Communication Laboratory during World War II. The Presidential citation he received for this work is only one of many he has been given in recognition of his unique capabilities. A scholar and researcher for over fifty years, he has earned a reputation as a highly effective teacher, and many of his students have achieved national reputations as scholars, teachers, and administrators. Dr. Black is a prolific author, having written seven books and published over 100 articles in professional journals. A Fulbright Scholar, he is also a fellow of the National Science Foundation and an honorary member of Phi Beta Kappa. The University is privileged to honor Dr. Black for his many contributions to speech and hearing science and to higher education.

Russell W. Peterson

Doctor of Humane Letters

Dr. Russell Peterson, the president of the National Audubon Society, is a nationally recognized scientist and environmentalist. A businessman, community leader, former state governor, and federal executive, he has a unique combination of skills that have brought him national recognition in both the public and the private sectors. After receiving his Ph.D. in chemistry from Harvard University in 1942, he began his business career with the Du Pont Company. He served for 26 years in research, development, production, and sales and then ran for and won the office of governor of Delaware. As governor, he was responsible for numerous innovations in the structure of that state's government. A committed environmentalist, Dr. Peterson served as chairman of the U.S. Council on Environmental Quality and was a board director of the U.S. Association for The Club of Rome and of the World Wildlife Fund. He founded New Directions, a citizen's group that lobbies on global issues. His numerous awards include the World Wildlife Fund Gold Medal, the American Academy of Achievement Golden Plate Award, and the National Wildlife Federation's Conservationist of the Year Award. Dr. Peterson reflects both the scope and direction of informed leadership that Ohio State seeks to inculcate in its student body. The University community takes great pride in bestowing upon Dr. Peterson its highest honor for his outstanding efforts at making our world a better place in which to live.

George Ledyard Stebbins

Doctor of Science

Professor G. L. Stebbins is one of the world's leading authorities on the evolution of plants. He has extensively researched the evolutionary processes in natural populations and the origin of species of plants native to California, as well as certain cereals and grasses of economic importance. His book, *Variation and Evolution in Plants*, published in 1950, demonstrated how genetics and chromosomal variation apply to plant evolution. This book has guided plant geneticists, evolutionists, and plant breeders throughout the world. He has written five other books and published numerous articles. Since joining the faculty of the University of California, Professor Stebbins has taught both graduate and undergraduate students and has recently developed courses that combine the study of biology and the liberal arts. In recognition of his excellent teaching skills, he was awarded a Distinguished Teaching Award by the University of California, Davis. Professor Stebbins' knowledge of plant evolution and the plant distribution and native habitats of California has enabled him to serve as an effective spokesman for the preservation of important natural areas in the state. A graduate of Harvard University, he was awarded a Guggenheim Fellowship in 1954 and again in 1960. Professor Stebbins is a member of many honoraries and learned societies, including the National Academy of Science, the American Academy of Arts and Sciences, and the American Philosophical Society. In bestowing this honor, the University seeks to recognize Professor Stebbins for his longstanding commitment to his community, to his profession, and to higher education in general.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Musical Arts

Heather J. Parr, Cuyahoga Falls; B.A., B.S. (University of Akron); M.M. (University of Kentucky); *Music*; Dr. Mario Aich

Doctor of Philosophy

Paul David Adams, Buffalo, N. Y.; B.S., M.B.A. (State University of New York at Buffalo); *Business Administration*; Dr. Stephen A. Buser

Ruth Shapira Aharoni, Bexley; B.A., M.Ed. (University of Cincinnati); *Education*; Dr. Thomas M. Stephens

Carl William Albrecht, Jr., Greenville; A.B. (Miami University); M.S.; *Entomology*; Dr. Charles A. Triplehorn

Basheer Saleh Al-Rashidi, Al-Sulibekhat, Kuwait; B.S. (Kuwait University); M.A. (Michigan State University); *Education*; Dr. Robert B. Sutton

Abdulaziz Salem Al-Ruwais, Alyamama, Saudi Arabia; B.S. (University of Riyadh); M.S. (University of Colorado); *Electrical Engineering*; Dr. Ralph T. Compton, Jr.

Marinez Muraro Alves de Lima, Piracicaba, São Paulo, Brazil; M.S.; *Plant Pathology*; Dr. Richard M. Riedel

Adolphus Andrews, Daytona Beach, Fla.; B.A. (Howard University); M.S. (Southern Illinois University); *Political Science*; Dr. William E. Nelson, Jr.

Jerry Wayne Askew, Ahoskie, N. C.; B.A. (University of North Carolina); M.S. (Memphis State University); *Education*; Dr. Robert J. Silverman

Janice Marie Baker, Reynoldsburg; B.S.Ed. (Ohio University); M.A. (Central Michigan University); *Education*; Dr. James V. Wigtil

Stephen Paul Balogh, Columbus; B.S., M.A.; *Education*; Dr. James E. Sage

Sarah Susan Barron, Waterville, N. Y.; B.A. (Antioch College); M.A.; *English*; Dr. Mark S. Auburn

Robert Edward Bartha, Columbus; B.A., M.A.; *Education*; Dr. Herman J. Peters

William Choice Beam, Orrville; B.A. (The College of Wooster); M.A.; *Physical Education*; Dr. Robert L. Bartels

David Wade Beamer, Malta; B.S.Ed. (Ohio University); M.A. (Michigan State University); *Physical Education*; Dr. Charles L. Mand

William Joseph Benjamin, Jr., Findlay; B.S., M.S.; *Physiological Optics*; Dr. Richard M. Hill

Merilu Mills Berkovitch, Columbus; B.A. (University of Texas at Arlington); M.A. (University of Illinois); *Education*; Dr. Donald R. Bateman

Virginia Wisz Black, Tiffin; B.S., M.A.; *Education*; Dr. Donald J. Tosi

Stanford Sage Bonan, New York, N. Y.; B.A. (Queens College City University of New York); M.S.; *Mathematics*; Dr. Paul Nevai

Beverly Anne Briggs, Mansfield, Pa.; B.S., M.S. (University of Illinois); *Home Economics*; Dr. Jean D. Dickenscheid

Eleanor Bartholomew Brubaker, Oxford; B.S. (Bethel College); M.A. (Central Missouri State College); M.S.W. (University of Iowa); *Social Work*; Dr. Thomas M. Meenaghan

Victor Manuel Buján Delgado, San José, Costa Rica; Licenciado Enciencias De La Educacion (Universidad de Costa Rica); M.A.; *Education*; Dr. Lorren L. Stull

Eugenia Elaine Calle, Oak Ridge, Tenn.; B.S., M.S.; *Preventive Medicine*; Dr. Richard R. Lanese

Neal Lamar Carothers, Toledo; B.S. (University of Toledo); M.S.; *Mathematics*; Dr. William B. Johnson

Benjamin Dickerson Caton, Newport, Tenn.; B.S.M.E. (Tennessee State University); M.A.; *Music*; Dr. Jerry E. Lowder

D. Joy Cavanaugh, Columbus; B.S. (Youngstown State University); M.Ed. (Kent State University); *Physical Education*; Dr. Edward L. Fox

Shih-Chin Chang, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Tsing Hua University); *Metallurgical Engineering*; Dr. John P. Hirth

Barbara Ann Chatton, Columbus; B.A. (University of California at Santa Cruz); M.L.S. (University of California at Los Angeles); *Education*; Dr. Charlotte S. Huck

Song-Hsing Terry Chern, Columbus; B.S. (National Taiwan University); M.S. (National Tsing Hua University); *Chemical Engineering*; Dr. Liang-Shih Fan

Angela S. Chesser, Columbus; B.S. Nursing (Duke University); M.S.; *Education*; Dr. Joseph J. Quaranta, Jr.

Philip Norvin Childress, Wagoner, Okla.; B.S. (University of Oklahoma); M.S. (Kansas State College of Pittsburg); *Education*; Dr. Arthur L. White

Miles M. Coburn, Cleveland; B.S. (University of Notre Dame); M.S. (John Carroll University); *Zoology*; Dr. Ted M. Cuvender

Lynn Ann Corbin, Dayton; B.M. (Otterbein College); M.A.; *Music*; Dr. James E. Major

Patrick James Costello, Davenport, Ia.; B.S. (Harvey Mudd College); M.S.; *Mathematics*; Dr. John S. Hsia

Robert Michael Coughlin, Euclid; B.A. (University of Notre Dame); M.Ed. (University of Cincinnati); *Education*; Dr. Donald R. Bateman

Charles Hill Courtney, Westerville; B.S. (Clemson University); M.S. (University of Florida); D.V.M. (Auburn University); *Veterinary Pathobiology*; Dr. Rupert P. Herd

David Charles Cox, Milwaukie, Ore.; B.S., M.S. (Oregon State University); *Education*; Dr. Robert W. Howe

Rosemarie Cundiff, Columbus; B.S., M.S.; *Agricultural Education*; Dr. Lawrence H. Newcomb

Stephen Glen Cunningham, Manhattan, Kans.; B.S., M.A. (Indiana State University); *Education*; Dr. James J. Buffer, Jr.

Robert Edward Daniels, Toledo; B.S.Ed. (Bowling Green State University); M.A. (Ball State University); *Education*; Dr. James J. Buffer, Jr.

Ann Geller Danziger, Columbus; B.S.Ed. (University of Vermont); M.A.; *Physical Education*; Dr. Donald K. Mathews

James Albert Davis, Ogden, Utah; B.S. Mech. Eng. (University of Utah); M.S. Mech. Eng. (University of Massachusetts); *Aeronautical and Astronautical Engineering*; Dr. Stuart L. Petrie

Debbera Ann Diehn, Toledo; B.Ed. (University of Toledo); M.A. (University of South Florida); *Comprehensive Vocational Education*; Dr. Dewey A. Adams

William Cullen Donovan, Columbus; B.S., M.S.; *Agronomy*; Dr. Terry J. Logan

Susan Galbraith Downhower, Upper Arlington; B.S. (University of Illinois); M.S. (University of Kansas); *Education*; Dr. Thomas M. Stephens

Nathan Harry Drum, Columbus; B.S. (Pennsylvania State University); M.S.; *Entomology*; Dr. Walter C. Rothenbuhler

Clayton Arthur Dusek, Mount Gilead; B.S.; M.Ed. (Wright State University); *Education*; Dr. Walter G. Hack

David Alan Edwards, Newark; B.A. (Wichita State University); M.Ed. (Bowling Green State University); *Education*; Dr. Aaron J. Miller

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- Donna Brink Fox, Logan; B.A. (Calvin College); M.M.Music (Ohio University); *Music*; Dr. A. Peter Costanza
- Jo Ann Freiberg, Palo Alto, Calif.; A.B. (University of California at Berkeley); M.A. (University of Alabama); *Education*; Dr. Richard N. Pratte
- Janet Ann Gabler, Macomb, Ill.; B.A. (Ohio Wesleyan University); M.A. (Western Illinois University); *English*; Dr. Walter A. Davis
- Maria Garcia-Roupail, Miami, Fla.; B.A. (Barry University); M.A. (Florida State University); *English*; Dr. Robert C. Jones
- William Thomas Gavin, Rocky River; B.A. (Xavier University); *Economics*; Dr. William G. Dewald
- James Edward Gebhart, Rocky River; B.A. (Westmar College); M.Div. (United Theological Seminar); *Education*; Dr. Joseph J. Quaranta, Jr.
- Charles Edwin Gerlach, Columbus; B.A. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.; *Education*; Dr. Joseph J. Quaranta, Jr.
- Gianfranco Gerosa, Barranquilla, Colombia; B.S.E.E. (Georgia Institute of Technology); M.S.; *Electrical Engineering*; Dr. Martin O. Thurston
- Phillip Eugene Gibbs, Ashland City, Tenn.; B.A. (David Lipscomb College); M.A. (Auburn University); *Communication*; Dr. Donald J. Cegala
- Marshall Ray Goodman, Skokie, Ill.; B.A. (DePaul University); M.A.; *Political Science*; Dr. Randall B. Ripley
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- Donald William Harman, Columbus; M.A.; *Education*; Dr. Charles M. Galloway
- Robert Lee Hawkins, Girard; B.S.; *Physics*; Dr. John H. Shaw
- Richard Joseph Heaslip, Verona, N. J.; B.A. (University of Pennsylvania); *Pharmacy*; Dr. Ralf G. Rahwan
- John Durow Heidke, Columbus; B.S., M.S. (University of Wisconsin); *Education*; Dr. Robert J. Silverman and Dr. Robert E. Rodgers
- John David Henberger, East Canton; B.S. *Physics*; Dr. James T. Tough
- Jiri Hochman, Columbus; Diplomovaný filosof (Prague School of Political and Social Sciences); *History*; Dr. Allan K. Wildman
- Charlene Maria Hohl, Columbus; B.A. (Ohio Northern University); *Physiological Chemistry*; Dr. Gerald P. Brierley
- Forrest Douglas Holcombe, Huntington, W. Va.; B.S.; M.B.A. (University of West Florida); *Business Administration*; Dr. Orlando C. Behling
- Charles Allen Honeycutt, Charlotte, N. C.; B.A. (University of North Carolina at Charlotte); M.A.T. (Appalachian State University); *Education*; Dr. Edward D. Allen
- Billie June Hooker, Port Gibson, Miss.; B.A. (Albany State College); M.S.L.S. (Atlanta University); *Education*; Dr. William Moore, Jr.
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- Ching-Chao Huang, Tainan, Taiwan, R.O.C.; B.S.E.E. (National Taiwan University); M.S.; *Electrical Engineering*; Dr. Leon Peters, Jr.
- Harriet Elizabeth Hudson, Columbus; A.B. (Queens College); M.A.; *English*; Dr. Christian K. Zacher
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- Rebecca Grooms Johnson, Columbus; B.Music (Capital University); M.A.; *Music*; Dr. Jerry E. Lowder
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- Barbara Irene Kiefer, Westerville; M.Ed. (Westminster College); *Education*; Dr. Charlotte S. Huck
- Mie-Young Kim, Korea; B.Sc., M.Sc. (Seoul National University); *Pharmacy*; Dr. Popat N. Patil
- Janet Elaine Kodras, Philadelphia, Pa.; B.A., M.A. (University of Georgia); *Geography*; Dr. Lawrence A. Brown
- Peter Stephen Konjoian, Columbus; M.S.; *Horticulture*; Dr. Harry K. Tayama and Dr. George L. Staby
- James Chun-Chin Kuo, Taichung, Taiwan, R.O.C.; B.S. (National Chung-Shing University); M.S. (Kansas State University); *Animal Science*; Dr. Herbert W. Ockerman
- Steven Soon-Young Kwon, Seoul, Korea; B.Agriculture (Korea University); M.S. (University of California—Davis); *Food Science and Nutrition*; Dr. Poul M. T. Hansen
- Nevin Kirby Laib, Lubbock, Tex.; A.B. (Whitman College); M.A. (Washington State University); *English*; Dr. Richard D. Altick
- Robert Alan Lee, Barberton; B.A., M.A.; *Education*; Dr. Walter G. Hack
- Dafna Lemish, Columbus; B.A. (Tel-Aviv University); M.A. (Hebrew University of Jerusalem); *Communication*; Dr. Thomas A. McCain
- Russell Arthur Lewis, Columbus; B.A., M.A.; *Home Economics*; Dr. Barbara M. Newman
- Michael Jay Lichtensteiger, Columbus; B.S., M.S.; *Agricultural Engineering*; Dr. Robert G. Holmes
- Mark Roseman Little, Hickory, N. C.; B.S. (University of North Carolina at Chapel Hill); *Biochemistry*; Dr. George A. Barber
- John McKenneth Luck, Holder, Australia; B.Sc. (University of Melbourne); B.A. (Australian National University); M.S.; *Geodetic Science and Surveying*; Dr. Ivan I. Mueller
- Paul Clement Luken, Cridersville; B.A. (Quincy College); M.A.; *Sociology*; Dr. Angelo S. Alonzo

- Claudette Roseline Mainzer, Los Angeles, Calif.; A.B. (University of California at Los Angeles); M.A. (University of Southern California); *History of Art*; Dr. *Mathew Herban, III*
- Kevin James Manning, Elizabethtown, Pa.; B.A. (Webster College); M.S. (Shippensburg State College); *Education*; Dr. *William Moore, Jr.*
- Kevin Paul Martin, Aurora; B.S., M.S.; *Physics*; Dr. *James T. Tough*
- John Stanley Mayausky, Columbus; B.S. (University of Pittsburgh); *Chemistry*; Dr. *Richard L. McCreery*
- Mary Ann McConnell, Nelsonville; B.S.Ed., M.S.Ed. (Ohio University); *Education*; Dr. *Charlotte S. Huck*
- Marie Therese Miglin, Columbus; B.S. (Northwestern University); M.S.; *Metallurgical Engineering*; Dr. *John P. Hirth*
- David Eugene Miles, Columbus; B.S. (The Pennsylvania State University); *Chemistry*; Dr. *Jack Hine*
- Satya Narayan Mishra, Varanasi, Uttar Pradesh, India; B.Sc. (University of Gorathpur); M.Sc. (Banarus Hindu University); M.A. (University of Massachusetts); M.S.; *Statistics*; Dr. *Edward J. Dudewicz*
- John Mouratidis, Montreal, Canada; B.A. (Academy of Physical Education); B.A. (Pantios School of Political Science); M.Sc. (The Pennsylvania State University); *Physical Education*; Dr. *Bruce L. Bennett*
- Paul Joseph Naour, Columbus; B.S., M.A.; *Education*; Dr. *Martin L. Languis*
- Yulin Nee, Taipei, Taiwan, R.O.C.; B.S. (Fu Jen University); M.S. (Kansas State University); *Home Economics*; Dr. *Fern E. Hunt*
- Steve Allen Nida, Milledgeville, Ga.; B.A. (King College); M.A. (Wake Forest University); *Psychology*; Dr. *Bibb Latané*
- Barbara Kay Norrander, LeSuer, Minn.; B.A. (University of Minnesota); M.A. (University of Oregon); *Political Science*; Dr. *Herbert B. Asher*
- David Michael Obzansky, Somerville, N. J.; B.S., M.S. (Villanova University); *Pathology*; Dr. *Keith E. Richardson*
- Peter Ikechukwu Odor, Anara, Imo State, Nigeria; B.S.Ed. (University of Ife); M.A. (Stanford University); *Education*; Dr. *Ayres D'Costa*
- Cherie Lynn Olsen, Toledo; B.S., M.S.; *Zoology*; Dr. *Roy A. Tassava*
- Thomas Stewart Paulucci, Gowanda, N. Y.; B.A. (State University of New York at Buffalo); M.A.; *Psychology*; Dr. *Gary G. Bernstein and Dr. Gerald A. Winer*
- Riitta Inkeri Peltonen, Helsinki, Finland; M.Agric. Laudatur (University of Helsinki); *Food Science and Nutrition*; Dr. *Michael E. Mangino*
- Phillip Edward Peregrine, Granger, Ind.; B.S. (Ball State University); M.S. (Indiana University); M.A.; *Education*; Dr. *Joseph W. Licata*
- Jon Joseph Persavich, Grand Rapids, Mich.; B.S. (Grand Valley State College); M.S.Ed. (University of Southern Maine); *Comprehensive Vocational Education*; Dr. *J. Robert Warmbrod*
- Carole Eswine Peters, Amherst; B.A. (Wittenberg University); M.S. (Wright State University); *Education*; Dr. *James V. Wigtill*
- Wai Hong Phoon, Kuala Lumpur, Malaysia; B.Eng. (Yokohama National University); M.Sc. (Imperial College of Science and Technology); *Civil Engineering*; Dr. *Robert M. Sykes*
- Randal Harry Pierce, Maryville, Tenn.; B.S., M.A. (East Tennessee State University); *Education*; Dr. *Donald G. Lux*
- Joseph J. Pignatiello, Jr., Natick, Mass.; B.S. (University of Massachusetts); M.S.; *Industrial and Systems Engineering*; Dr. *Clark A. Mount-Campbell*
- Roberta Louise Pohlman, Cincinnati; B.S.Ed., M.Ed. (University of Cincinnati); *Physical Education*; Dr. *Robert L. Bartels*
- John Claude Potter, Columbus; B.C.E., M.S. (Georgia Institute of Technology); *Civil Engineering*; Dr. *Tien H. Wu*
- Pamela Pritchard, Columbus; B.S., M.A. (Atlanta University); *Education*; Dr. *Robert B. Sutton*
- David Wesley Rainey, Columbus; B.A. (Ohio University); M.A. (University of Denver); *Education*; Dr. *James V. Wigtill*
- Karen Rogers Recklies, Columbus; B.A., M.A. (Kent State University); *Theatre*; Dr. *Alan L. Woods*
- Thomas Leonard Reynolds, Winters, Calif.; B.A., M.A. (California State University at Chico); *Botany*; Dr. *Valayamghat Raghavan*
- Samuel Clifton Ricketts, Mt. Juliet, Tenn.; B.S.Ag., M.S. (University of Tennessee); *Agricultural Education*; Dr. *Lawrence H. Newcomb*
- Robert Thomas Rinaldi, Columbus; A.B. (Saint Michael's College); M.A. (Fairfield University); M.Ed.; *Education*; Dr. *W. Frederick Staub*
- Phyllis J. Rosen, Columbus; B.S., M.A.; *Education*; Dr. *Donald J. Tosi*
- Dorothy Friedman Rubenstein, Columbus; B.A. (Capital University); M.A.; *Education*; Dr. *Bernard Mehl*
- Jeffrey Charles Rupp, Erie, Pa.; B.S. (Slippery Rock); M.A.; *Physical Education*; Dr. *Robert L. Bartels*
- Robert Douglas Sammons, Columbus; B.S.; *Chemistry*; Dr. *Perry A. Frey*
- Joan Wood Samuelson, Huffman, Tex.; B.A., M.A. (University of Houston); *English*; Dr. *John M. Muste*
- Ricardo Sanchez Schulz, Concepcion, Chile; I.E.E. (Universidad de Concepcion); M.S.; *Electrical Engineering*; Dr. *Jogikhal M. Jagadeesh*
- Mark Jeffery Schaefermeyer, Alexandria, Va.; B.A. (Virginia Polytechnic Institute and State University); M.A. (University of South Florida); *Communication*; Dr. *William R. Brown*
- Rachel Rhoda Schaffer, Fredonia, N. Y.; B.A. (University of Rochester); M.A.; *Linguistics*; Dr. *Ilse Lehiste*
- Heinrich Josef Schostarez, Cochran, Pa.; B.A. (Clarion State College); *Chemistry*; Dr. *Leo A. Paquette*
- Merritt Dean Schreiber, Palos Verdes, Calif.; B.A. (University of Southern California); M.A.; *Psychology*; Dr. *Charles Wenar*
- Thomas Ira Selling, Fair Lawn, N. J.; B.S., M.B.A. (Cornell University); *Accounting*; Dr. *Thomas J. Burns*
- Patricia Sue Semmelman, Dayton; B.S. (Miami University); M.A.; *Education*; Dr. *Donald J. Tosi*
- Joseph W. Shannon, III, Columbus; B.A. (Ohio Dominican College); M.A.; *Psychology*; Dr. *Harold B. Pepinsky*
- Chuan Shih, Taipei, Taiwan, R.O.C.; B.S. (National Chung-Hsing University); M.S.; *Chemistry*; Dr. *John S. Swenton*
- Daniel Schuyler Shook, Boulder, Colo.; B.S. (University of Colorado); *Physical Education*; Dr. *Eduard L. Fox*
- Judith Lynn Mays Knoop Shrum, Beaver Falls, Pa.; B.S.Ed. (Clarion State College); A.M. (Indiana University); *Education*; Dr. *Gilbert A. Jarvis*
- Anne Twining Sloan, Murfreesbor, Tenn.; B.A. (Middle Tennessee State University); M.A. (Louisiana State University); *Political Science*; Dr. *Philip D. Stewart*
- John Wesley Smeaton, Worthington; B.S. (State University of New York at Brockport); M.E.D. (University of Delaware); *Education*; Dr. *Virgil E. Blanke*
- Marilynne Ruth Snook, Mt. Perry; B.S., M.S.; *Agricultural Education*; Dr. *J. Robert Warmbrod*
- Barbara Ann Gale Snyder, Parma Heights; B.S., M.A.; *Education*; Dr. *Edward D. Allen*
- Samuel Kwabena Somuah, Obokwathu, Ghana; B.S. (University of Science and Technology); M.S.; *Metallurgical Engineering*; Dr. *Digby D. Macdonald*
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- Joni Lee Peddicord, Coshocton; B.S. (Ashland College); M.A.; *Education*
- Leesa Jane Pendley, Owensboro, Ky.; B.A. (Kentucky Wesleyan College); *Art Education*
- Sonja Magdalena Peter, Kösching, West Germany; Diplom (Fachhochschule für Gestaltung Schwäbisch Gmünd); *Industrial Design*

- James Tracy Peterfish, Columbus; B.S.; *Physical Education*
- Laila Petrou, Redington Beach, Fla.; B.A. (Eckerd College); M.A. (Monterey Institute of International Studies); *Education*
- Brenda Diane Phillips, Gallion; B.A. (Bluffton College); *Sociology*
- Andrea Carla Phoenix, Freeport, N. Y.; B.S. (Hampton Institute); *Education*
- Janice Marie Pietrowski, Vienna; B.S.Ed.; *Education*
- Patricia Ann Pingaj, Cleveland; B.S. (Bowling Green State University); *Education*
- Jane Ellen Plank, Columbus; B.S.; *Education*
- Shirley J. Romanshek Poirier, Reynoldsburg; B.S. (University of Wisconsin—Stevens Point); *Education*
- Sheila Ann Porter, Hampton, Va.; B.A. (Norfolk State University); *Education*
- Terry L. Post, Columbus; B.S.Ed.; *Education*
- Philip Sidney Price, Troy; B.S.; *Education*
- Leslie Anne Pruitt, Shaker Heights; B.S. (Indiana University); *Physical Education*
- Denise Sue Randall, Toledo; B.A.; *Communication*
- Lisa Lynn Ransdell, Chillicothe; B.A.; *Sociology*
- Carol Marie Rantala, Dearborn, Mich.; B.S. (Bowling Green State University); *Physical Education*
- Marc Eliot Rapport, New Philadelphia; B.A. (Kent State University); *Journalism*
- Ruth Maureen Rauch, Cuyahoga Falls; B.A. (University of Akron); *English*
- Jeffery A. Reed, Grove City; B.A.Jour.; *Journalism*
- Rebecca Ann Reid, Newark; B.A. (Ohio Dominican College); *Education*
- James Joseph Reindl, Wyandotte, Mich.; B.A. (Central Michigan University); *Journalism*
- Sharon Lee Reiselt, Lexington; B.S.Ed.; *Art Education*
- Patricia M. Rice, Canton; B.S.Ed. (Ohio Dominican College); *Education*
- Berenice Jane Richard, Coshocton; B.S.Ed.; (Otterbein College); M.A.; *Education*
- Michael Brian Riffie, Salem; B.A. (The College of Wooster); *Physical Education*
- Craig Alan Rimmerman, Cleveland; A.B. (Miami University); *Political Science*
- LeeAnn Ritter, Cincinnati; B.S., M.A.; *Education*
- Linda Ailes Robertson, Granville; B.S. (Miami University); *Education*
- Karen Sue Robison, Martinsburg; B.S.Ed.; *Education*
- Susan Ann Rockhold, Washington C. H.; B.S. (Miami University); *Education*
- Paulette Denise Rodgers, Ringgold, Va.; B.S. (Virginia State University); *Education*
- Carol Shade Rodriguez, Reynoldsburg; B.A.; *Communication*
- Ronald Clifton Rogers, Baltimore, Md.; B.S. (University of Baltimore); M.B.A. (University of Southern California); *Business Administration*
- James Allen Roshon, Westerville; B.A. (Otterbein College); *Education*
- Theresa Ann Rudolph, Anniston, Ala.; B.S. (Alabama State University); *Education*
- Danner Mahood Rugg, Columbus; B.S.; *Physical Education*
- Jayne Ann Ryan, Columbus; B.A. (Capital University); *Education*
- Judith Mack Salyer, Columbus; B.A. (Otterbein College); *Education*
- Sharon A. Samples, Worthington; B.S. (Purdue University); *Education*
- Carol Lee Saunders, Newark; B.S.Ed.; *Education*
- Chizuko Sawada, Hiroshima, Japan; B.A. (Sophia University); *Education*
- John Joseph Scarry, Conneville, Pa.; B.A. (Emory University); *Economics*
- Lynda Lew Simmons Schaffer, Columbus; B.S.Ed.; *Education*
- Mary Jane Schlairet, Mount Vernon; B.A. (Ohio Northern University); *Education*
- Kyle Marie Schmalz, Columbus; A.B. (Miami University); *Physical Education*
- Heather Anne Schmidt, Grove City; B.Mus.Ed.; *Music*
- Lisa Ruth Schneider, Aurora; B.A. (Hiram College); *English*
- Linda Lee Schrier, Cincinnati; A.B. (Indiana University); *Journalism*
- Carol Anne Schwartz, Worthington; B.Mus.Ed.; *Music*
- Linda Ann Schweitzer, Roselle, N. J.; B.A. (Wittenberg University); *Education*
- Jane Mary Schwieterman, Coldwater; B.S.Ed.; *Communication*
- Craig Alan Seckel, Columbus; B.S., M.A.; *Education*
- Roxanne Selvaggio, Bethlehem, Pa.; B.S. (University of Pittsburgh); *Physical Education*
- David Selwood, Bodmin, Great Britain; B.A. (Portsmouth Polytechnic); *Geography*
- Biswarup Sen, Calcutta, India; B.S. (Saint Xavier's College); M.A. (Jawaharlal Nehru University); *Journalism*
- Joyce Slater Seretny, Columbus; B.S. (Southern Connecticut State College); *Education*
- Joseph Anthony Shivers, Salem; B.A. (Baldwin-Wallace College); *Education*
- Michael Joseph Shibuski, Columbus; B.A. (Butler University); *Physical Education*
- Catherine Lamar Shoemaker, Athens; B.S.Ed. (Ohio University); *Physical Education*
- Jo Short, Columbus; B.S.; *Education*
- Carolyn Dalsey Showalter, Columbus; B.S.; *Mathematics*
- Donna Lynn Silber, Mount Prospect, Ill.; B.S.; *Physical Education*
- Sandra Lynne Sims, Darby, Pa.; B.S. (Cheyney State College); M.A.; *Education*
- Michael Drew Sisson, Columbus; B.S.Agr.; *Romance Languages and Literatures*
- Gary Lee Stone, Chicago, Ill.; B.F.A. (University of Illinois); *Art*
- Jane McDaniel Smith, Lancaster; B.S.Nurs. *Physical Education (Health Education)*
- Lillian Delores Smith, Columbus; B.S. (Wayne State University); *Education*
- Robert Michael Smith, Toledo; B.A. (University of Toledo); *History*
- Steven Lynn Smith, Columbus; B.F.A.; *Industrial Design*
- Margaret Creely Snider, Columbus; B.A. (State University of New York at Plattsburgh); *Communication*
- Mary Katherine Snider, Lancaster; B.S. (Ohio University); *Education*
- Mary Martha Snyder, Lexington; B.S. (Wittenberg University); *Education*
- Susan Linda Snyder, Bowling Green; B.S. (Bowling Green State University); *Education*
- Andrea Michelle Solomon, Cincinnati; B.A. (University of Cincinnati); *Linguistics*
- Elizabeth Anne Somer, Eugene, Oreg.; B.S. (Oregon State University); *Physical Education (Health Education)*
- Judith Lenze Sparks, St. Marys, Pa.; B.S.Ed.; *Education*
- Gary Lee Speelman, Kingston; B.S. (Moorhead State University); *Agricultural Education*
- Karen Lynn Spooner, Columbus; B.A. (Ohio Dominican College); *Education*
- Stephen Roger Stahley, Whitehall; B.A. (Capital University); *Physical Education*
- Suzanne Crawford Starkey, Columbus; B.S.Ed.; *Education*
- Donna Felmy Staz, Columbus; B.S. (Kent State University); *Education*
- Sandra Louise Stephens, North Olmsted; B.S. (Miami University); *Education*
- Mark B. Stevens, Columbus; B.S. (Kent State University); *Education*
- Peggy Ann Stevens, Avon; B.S. (Bowling Green State University); *Education*

- Teresa Rose Stojkov, Cleveland; B.A.; *Romance Languages and Literatures*
- Debra Jean Strouse, Howard; B.S. (Mount Vernon Nazarene College); *Education*
- Laurie Faye Stull, Covina, Calif.; B.A., B.A. (California State University, Chico); *Education*
- Marisa Angela Surace, Columbus; B.S.Ed.; *Education*
- Judy Hopkins Sweeney, Westerville; B.Mus.Ed.; *Music*
- Thomas Lester Sweigard, Columbus; B.S. (Bowling Green State University); *Education*
- LuAnn Swoyer, Pickerington; B.S.Ed.; *Education*
- Wilhelmina Alida Szabo, Columbus; B.A. (Ohio Dominican College); *Education*
- Julie Lynne Taylor, Columbus; B.Music (Miami University); *Education*
- Marybeth Thomas, New Kensington, Pa.; B.S. (Edinboro State College); *Education*
- Patricia Ann Thompson, Pataskala; B.A. (Muskingum College); *Education*
- David Allen Towers, Columbus; B.A. (University of Massachusetts); *Education*
- Sue Mosley Trakas, Reynoldsburg; B.S.Ed. (Ohio University); *Education*
- Richard Edward Travis, Columbus; B.S.Ed.; *Education*
- Cynthia Faye Taylor, Montgomery, Ala.; B.S. (Alabama State University); *Education*
- Linda Hall Trevillian, Lima; B.S., M.A.; *Education*
- John Keith Trohoske, Erie, Pa.; B.A. (Gannon College); *Journalism*
- Constance Lynn Trytek, Grove City; B.S.Ed.; *Education*
- Diana Evans Vance, Cuyahoga Falls; B.A., B.S.; *Theatre*
- Marie VanDerveer, Columbus; B.A. (State University of New York at Fredonia); *Education*
- Pamela Gaich VanHorn, Columbus; B.S.Ed.; *Education*
- Keith Duane Veale, Owosso, Mich.; B.A. (John Wesley College); *Physical Education*
- Connie Dianne Velez, Westerville; B.S.; *Education*
- Susan Ann Voccia, Brookfield, Conn.; B.S. (Western Connecticut State College); *Education*
- Jennifer Jane Voreis, Plymouth, Ind.; B.S. (Saint Joseph's College); *Physical Education*
- Frank J. Vulpi, New York, N. Y.; B.Music (State University College at Potsdam); *Music*
- James H. Wagner, Jr., Farmington, Conn.; B.G.S. (University of Kansas); *Photography and Cinema*
- Susan Patricia Walden, Dunkirk; *Physical Education*
- Mindy Marie Walker, Lynchburg; B.A.; *Political Science*
- Li-Ling Lillian Wang, Taipei, R.O.C.; B.Edu. (National Taiwan Normal University); *Education*
- Sandra Croce Warner, Columbus; B.F.A.; *Photography and Cinema*
- Kathleen M. Warrick, Celina; B.A., M.Ed. (Kent State University); *Journalism*
- Pamela Dianne Warrick, Newark; B.A.; *Education*
- Cheryl Ann Washington, Lexington; B.S. (Miami University); *Education*
- Keith I. Wasserman, Bridgeton, N. J.; B.A. (Rutgers University); *Journalism*
- Gale Ann Watson, Bridgeport; A.B. (West Liberty State College); *Mathematics*
- Gary N. Watson, London; B.A. (MacMurray College); *Education*
- William Van Watson, Akron; B.A., B.A. (Kent State University); *Theatre*
- Kimberle Lynnette Waugh, Crown City; B.M. (Capital University); *Music*
- Nancy Dean Webb, New Orleans, La.; (Emory University); *Education*
- Lynn Murphy Wechter, Shelby; B.S.Ed.; *Education*
- Marilyn Brown Weiler, Mount Gilead; B.S. (Otterbein College); *Education*
- Virginia Beamer Weinhold, Worthington; B.A. (Cornell University); B.S.; *Industrial Design*
- Carol Ann Welk, Galloway; B.M.E. (University of Cincinnati); *Music*
- Judith Karen Wendt, Columbus; B.S.; *Education*
- Gregory Mel Wieland, Columbus; B.S.; *Education*
- Carol Ann Williams, Columbus; *Education*
- Helen McKay Williams, Columbus; B.S.Ed.; *Education*
- Robert Donald Williams, Columbus; B.S.Bus.Adm.; *Physical Education*
- Charles Christian Willmore, Westerville; B.S.Ed.; *Education*
- Deborah Jeanne Wilson, Columbus; B.S.Ed.; *Education*
- Darla Joy Winchel, Reynoldsburg; (Marion College); *Education*
- Marcia Jo Woodfill, Columbus; B.S. (Bowling Green State University); *Communication*
- Sandra Dee Woods, New York, N. Y.; B.A. (Elizabeth City State University); *Sociology*
- Betty Hok-Ming Yeung, Taipei, R.O.C.; B.A. (Soochow University); *Journalism*
- Susan Tarrant Zimmermann, Columbus; B.A. (North Texas State University); *Education*
- Crista Zivanovic, East Chicago, Ind.; B.A. (Northwestern University); *Journalism*
- Jenny Jane Zorn, Sidney; B.A. (Flagler College); *Geography*

Master of Business Administration

- Hirudayaraj Arockiaswamy, Tiruchi, India; B.S. (University of Madras); M.S.; *Business Administration*
- Penelope Caroline Bach, Columbus; B.A.; *Business Administration*
- Susan Arlene Carpenter, Columbus; B.A. (Wesleyan University); *Business Administration*
- John Philip Dechow, Abingdon, Ill.; B.S.M.E., M.S.M.E. (University of Illinois); *Business Administration*
- Elizabeth Anne Dworak, Springfield, Mo.; B.S. (University of Missouri); *Business Administration*
- Sandra Werth Harbrecht, Columbus; B.S. (Kent State University); M.A.; *Business Administration*
- Joann P. Harvey, Warren; B.S. (Miami University); *Business Administration*
- John D. Lautermilch, Columbus; B.A. (Virginia Polytechnic Institute and State University); *Business Administration*
- Rick L. Mabry, Columbus; B.A. (Wittenberg University); *Business Administration*
- Thomas Kennedy McMackin, Cincinnati; B.A. (MacMurray College); J.D. (University of Cincinnati); *Business Administration*
- Robert Ernest Medley, Troy; B.S. (Wright State University); *Business Administration*
- Carol Regina Miller, Newark; B.S.; *Business Administration*
- Tae Kyung Moon, Newark, Del.; (University of Delaware); M.A.; *Business Administration*
- Christine A. Murnane, Columbus; B.S.Bus.Adm.; *Business Administration*
- Michael Joseph Pesch, Rochester, Minn.; B.A. (University of Minnesota); M.S.; *Business Administration*
- Earle Richardson, Salt Lake City, Utah; B.S.Bus.Adm.; *Business Administration*
- Joseph Richard Rosenbaum, Westerville; B.S., J.D.; *Business Administration*
- Charles Bruce Ruzicka, Gahanna; B.S.Ed.; *Business Administration*
- Mary Brown Wolverton, Shaker Heights; B.A. (Case Western Reserve University); *Business Administration*

Master of City and Regional Planning

- Matthew Walter Granger, Bedford; B.A. (University of Dayton); *City and Regional Planning*

David Francis Greene, Columbus;
B.S.Land Arch.; *City and Regional
Planning*

Luis R. Martinez, Bogota, Colombia;
Architect (Universidad Nacional de
Colombia); M.A.; *City and Regional
Planning*

Diane Carol Raef, Lexington, Ky.; B.S.
(Western Kentucky University); *City and
Regional Planning*

Carol Jean Scherbarth, Lima; B.A.
(University of Florida); *City and
Regional Planning*

Rengin Ayse Yurdakul, Ankara, Turkey;
(Middle East Technical University);
City and Regional Planning

Master of Fine Arts

Randall Carl Bolton, Irving, Tex.; B.F.A.
(North Texas State University); *Art*

Sharon Sue Campbell, Dayton; B.F.A.
(Wright State University); *Theatre*

James Robert Charter, Jerseyville, Canada;
B.A. (University of Guelph); *Art*

Robin Elaine Cook, Chillicothe; B.F.A.;
Art

Nancy S. Elkins, Beverly, Mass.; B.F.A.
(University of Massachusetts); *Art*

Shirley Ann Gromen, Suitland, Md.; B.F.A.
(Maryland Institute of Art); *Art*

Annie Myung-Ja Kwon, Seoul, Korea;
B.A. (California State University—
Sacramento); *Art*

Michael Neal Noland, Lawton, Okla.;
B.A. (Cameron University); *Art*

Arthur Howard Orr, Louisville, Ky.;
B.F.A. (Louisville School of Art); *Art*

Jennifer Ranz, Minneapolis, Minn.; B.A.
(University of Massachusetts); *Art*

Brian Scott Keverman, Columbus; B.F.A.
(University of Dayton); *Art*

Michael L. Scheiner, Philadelphia, Pa.;
B.F.A. (Rhode Island School of Design);
Art

David Jeffrey Spither, Highland, Ind.;
B.F.A. (John Herron School of Art); *Art*

Silvia Patrice Stewart, Lubbock, Tex.;
B.A. (Texas Technological University);
Art

William Strzempek, Springfield, Mass.;
B.A. (Northeastern University); *Theatre*

Master of Health Administration

Mary Kay Fullenkamp, Cincinnati; B.S.;
Allied Medical Professions

Alan Morris Mendeloff, Charleston, W. Va.;
B.A. (Miami University); *Allied Medical
Professions*

Mark Allen Pemberton, Dayton; B.S.
(Wright State University); *Allied Medical
Professions*

Peter Michael Steiner, Dayton; B.S.
(University of Notre Dame); *Allied
Medical Professions*

Christopher R. Veenis, Pittsburgh, Pa.;
B.A. (University of Florida); *Allied
Medical Professions*

Master of Labor and Human Resources

Cynthia Sue Burnell, Louisville; B.A.
(University of Akron); *Labor and
Human Resources*

Joseph Michael Clement, Troy, N. Y.; B.A.
(Augusta College); *Labor and Human
Resources*

Mary Katherine DeJohn, Warren; B.A.
(Bowling Green State University);
Labor and Human Resources

Enid J. LaGesse, Cleveland; B.S.B.A.
(Roosevelt University); *Labor and
Human Resources*

Byungnam Lee, Seoul, South Korea; B.A.
(Sogang University); *Labor and Human
Resources*

Daniel Brian McColgan, Saginaw, Mich.;
B.A. (Michigan State University);
Labor and Human Resources

Michael Donald Muenchen, Cincinnati;
B.S.B.A. (Xavier University); *Labor and
Human Resources*

Thomas G. Oxley, Findlay; B.A. (Miami
University); *Labor and Human Resources*

Barbara Sean Pierce, Glastonbury, Conn.;
B.A. (University of Hartford); *Labor and
Human Resources*

Susan Rita Studd, Dublin; B.A. (Clark
University); *Labor and Human Resources*

Master of Music

Philip Lee Burson, Bluffton; B.M.E.
(Wittenberg University); *Music*

Glen Roger Davis, Marion, N. C.; B.M.
(Berklee College of Music); *Music*

Mark Snyder DeTurk, Goshen, N. Y.; B.M.
(University of Wisconsin—Madison);
Music

Kirk William Lawson, Rock Island, Ill.;
B.M. (DePauw University); *Music*

Gordon Ray Nicely, Reynoldsburg; B.Mus.,
B.Mus.Ed.; *Music*

Timothy Kean Strelau, Olmsted Falls;
B.M.E. (Baldwin-Wallace Conservatory);
Music

Master of Public Administration

Bradford Simeon Hopkins, Cincinnati;
B.A. (Otterbein College); *Public
Administration*

Master of Science

Khadiga Abbas Abdel-Ati, Khartoum,
Sudan; B.V.Sc. (Khartoum University);
Poultry Science

Patricia-Lee Achorn, Waltham, Mass.;
B.A. (Keuka College); *Zoology*

Thomas Lawrence Adams, Columbus;
B.S.I.S.E.; *Industrial and Systems
Engineering*

Teri E. Adelman, Park Forest, Ill.;
B.S.; *Microbiology*

Yousif Nasser Aldryhm, Riyadh, Saudi
Arabia; B.S. (Riyadh University);
Entomology

Donald Wilson Archer, Circleville; B.S.;
Agricultural Education

Brent Allen Archinal, Dover; B.S.;
Geodetic Science

Robert Searls Arnot, Livermore, Calif.;
B.S.Eng.Tech. (California Polytechnic
State University); *Welding Engineering*

Amos Lavi Bahiri, Netanya, Israel;
B.Sc. (Tel-Aviv University);
Mathematics

Deborah Louise Bainer, Columbus; B.S.
(Geneva College); *Natural Resources*

Mary Helen Baker, Zanesville; B.S.N.
(Capital University); *Nursing*

Ralph P. Becker, Portland, Oreg.; B.S.
(University of Oregon); *Geology and
Mineralogy*

Rosella I. Beebe, Marietta; B.S.Nurs.;
Nursing

Bruce Michael Bernhoft, Shreveport, La.;
B.S. (Louisiana State University);
*Agricultural Economics and
Rural Sociology*

Robert Thomas Biedron, South Plainfield,
N. J.; B.S.A.A.E.; *Aeronautical and
Astronautical Engineering*

Leisa Rae Boley, Coldwater; B.S.Agr.;
Agricultural Education

William Arthur Bow, Saginaw, Mich.;
B.A. (Albion College); *Geology and
Mineralogy*

Mark Alan Bowers, Salem, Va.; B.S.
(Virginia Polytechnic Institute);
Electrical Engineering

Mary Katherine Boyd, Columbus; B.S.H.E.;
Home Economics

Roger Douglas Braun, Columbus;
B.S.Pharm.; *Pharmacy*

Andrew Breeze-Stringfellow, Tewkesbury,
England; B.Sc.Hons. (Bristol University);
*Aeronautical and Astronautical
Engineering*

Mark Owen Brose, Cleveland; D.D.S.;
Dentistry

Jodi Lynd Brown, Elyria; B.S.; *Zoology*

T. Frank Brown, Jr., Stockdale; B.S.M.E.;
Mechanical Engineering

- Richard B. Brucker, Amherst;
B.S. Food Sc.; *Food Science and Nutrition*
- David Bruce Buchanan, Wilmington; B.S.
(Case Western Reserve University);
Geology and Mineralogy
- Pamela Ann Burdette, Georgetown, Ky.;
B.S. (Kentucky State University);
Home Economics
- Jill C. Burrington, Spokane, Wash.; B.S.
(Seattle University); *Allied Medical Professions*
- Richard Clayton Camp, Bakersfield, Calif.;
B.S., D.V.M. (University of California at Davis); *Veterinary Pathobiology*
- Charles Peter Carstensen, Toledo; B.S.;
Physics
- Saiwaryn Chaiwanichsiri, Bangkok, Thailand; B.S. (Kasetsart University);
Food Science and Nutrition
- Chi Hou Chan, Kowloon, Hong Kong;
B.S.E.E.; *Electrical Engineering*
- Tzu-Chuan Chan, Taipei, R.O.C.; B.S.
(National Cheng-Kung University);
Mechanical Engineering
- Meichi Chen, Taichung, R.O.C.; B.S.
(National Taiwan Normal University);
Mathematics
- Hae-Kyung Cho, Jeonju, Korea; B.A.
(Kyung-Hee University); B.S. (University of Seattle); *Home Economics*
- Yon-Chun Chou, Tainan, R.O.C.; B.S.
(National Taing Hua University);
Industrial and Systems Engineering
- Yan-Hwa Chu, Taipei, R.O.C.; B.S. (Fu Jen University); *Food Science and Nutrition*
- Fu-Sheng Chuang, Kaoshiung, R.O.C.;
B.S. (National Taiwan University);
Mechanical Engineering
- Andrew Leigh Clarke, Melbourne, Australia; B.A.S. (Royal Melbourne Institute of Technology); *Geodetic Science*
- Clayton Henry Coffey, Guysville; B.S.;
Agricultural Education
- Donna Faye Crooks, Mount Sterling, Ky.;
B.S. (Kentucky State University);
Home Economics
- Jaime Yap Cruz, Manila, Philippines;
B.S.G.E., M.Eng. (University of the Philippines); *Geodetic Science*
- Karen Mary Cunningham, New York, N. Y.; B.A. (Mt. Holyoke College);
Zoology
- Winston R. De la Torre, Rio Piedras, P. R.; B.S. (University of Puerto Rico);
Biochemistry
- Teresa A. Diltz, Reynoldsburg; B.S.;
Agricultural Economics and Rural Sociology
- Laurie G. Doyle, Silver Spring, Md.;
B.S. (University of Maryland); D.V.M.;
Veterinary Preventive Medicine
- James Michael Dunlea, Youngstown; B.A.
(Northwestern University); *Physics*
- Roger Raymond Dzwonczyk, Columbus;
B.S. (Northeastern University);
Biomedical Engineering
- Earl Alan Emerson, Clayton, Del.; B.E.E.
(University of Delaware); *Electrical Engineering*
- Holly Bradt Ernest, Macedon, N. Y.; B.S.
(Cornell University); *Veterinary Physiology and Pharmacology*
- Douglas M. Farley, Avon Lake; B.S.M.E.;
Mechanical Engineering
- Hamid Farzan, Tehran, Iran; B.S.
(Aryamehr University); *Mechanical Engineering*
- Roland Fernandes, Bombay, India; B.S.
(Bombay University); M.S., M.B.A. (Ohio University); *Computer and Information Science*
- Jeffrey Allen Ficke, Cincinnati; B.S.M.E.;
Mechanical Engineering
- Linda Sue Freeman, Edgerton; B.S.;
Animal Science
- Gregory Allen Fuller, Conneaut;
B.S.Met.E.; *Metallurgical Engineering*
- Matthew Werner Ganz, Rossford; B.S.E.E.;
Electrical Engineering
- Stacy Andrew Gartin, Hasty, Colo.; B.S.
(Colorado State University);
Agricultural Education
- Richard Todd Gass, Columbus;
B.S.Met.Engr. (Purdue University);
Metallurgical Engineering
- Alain Gauthier, Columbus; B.Sc. (Laval University); *Physics*
- Jacob Astor Gayle, Jr., Lancaster, N. Y.;
B.A. (Oberlin College); *Preventive Medicine*
- Folarin Gbadebo-Smith, Lagos, Nigeria;
H.S.C., B.D.S. (University of Lagos);
Dentistry
- Gaby A. Ghossain, Zahle, Lebanon; B.S.
(University of Southwestern Louisiana);
Electrical Engineering
- Ashok Kumar Goel, Kurukshetra, India;
B.Sc.Physics (Kurukshetra University);
M.S.; *Computer and Information Science*
- Rebecca Lynn Gonso, Euclid; B.S.N.;
Nursing
- Bruce Harvey Gray, Columbus; B.A. (The College of Wooster); *Biochemistry*
- Jeffrey Alan Greenberg, New York, N. Y.;
B.A. (Grinnell College); *Anatomy*
- Douglas Kent Greenwald, Rancho Cordova, Calif.; D.D.S.; *Dentistry*
- Thomas Alan Greetham, Lima; B.S.M.E.;
Mechanical Engineering
- Frank Steven Gruber, Kettering; B.S.
(Bowling Green State University);
Industrial and Systems Engineering
- Ignacio Guarda, Valdivia, Chile; B.A.,
D.V.M. (University of Chile);
Veterinary Anatomy
- Vicki Jane Hale, Columbus; B.S.N. (Ohio University); *Nursing*
- Elliott R. Heisman, Glenside, Pa.; B.S.
(Delaware Valley College of Science and Agriculture); *Animal Science*
- Thomas Arthur Henry, Akron; B.S.;
Zoology
- Jane Ann Hergatt, Mansfield; B.S.;
Home Economics
- Diane Marie Hickam, Pittsburgh, Pa.;
B.S.N. (Duke University); *Nursing*
- Song-Tao Ho, Taipei, R.O.C.; B.Eng.
(Fen-Chia College); *Civil Engineering*
- Charles Luther Hofacre, Wooster; B.S.;
Poultry Science
- Shou-Shing Hsieh, Keelung, R.O.C.;
B.S.M.E., M.S.M.E. (National University);
M.S.M.E. (Drexel University); *Nuclear Engineering*
- Yet-Chyun Alan Huang, Taipei, R.O.C.;
B.S. (National Chiao Tung University);
Civil Engineering
- Diana M. Huff, Anderson, Ind.; B.S., B.A.
(Purdue University); *Nursing*
- Julianne Hunter, Kettering; B.S.;
Preventive Medicine
- Agnes Regina Jochenning, Cleveland;
B.S.Agr.; *Dairy Science*
- Jeffrey Lee Johnson, Columbus; B.S.;
Preventive Medicine
- Stephen Michael Johnson, Seneca, Pa.; B.S.
(Pennsylvania State University);
Allied Medical Professions
- Susan Elizabeth Johnson, Columbus;
D.V.M. (Purdue University);
Veterinary Clinical Sciences
- Karl Henry Joplin, Worthington; B.S.
(University of Washington); *Entomology*
- Tai-ming Jou, Taipei, R.O.C.; B.S. (The National Taiwan College of Marine and Oceanic Technology); *Mechanical Engineering*
- Jiang-Tsuen Ju, Chang-Hwa, R.O.C.;
B.S.E.E. (National Chao-Tung University); *Electrical Engineering*
- Joseph David Kalen, Columbus; B.S. (State University of New York); *Physics*
- Naomasa Kaneko, Yokohama, Japan; B.S.
(Waseda University); *Industrial and Systems Engineering*
- Varsha V. Kapadia, Pune, India; B.Sc.
(Pune University); M.Sc. (Indian Institute of Technology, Bombay); *Physics*
- Janet S. Kasler, Warren; B.A.;
Preventive Medicine
- Gail Leslie Kaye, Springfield, Pa.; B.S.
(West Virginia Wesleyan College);
Allied Medical Professions
- Mark Alan Kleffner, Columbus; B.S.;
Geology and Mineralogy
- Dale Edward Kocarek, Painesville;
B.S.C.E.; *Civil Engineering*
- Chapin Ferré Koch, New York, N. Y.;
B.S. (St. Lawrence University);
Geology and Mineralogy

- Ruth Anne Koutras, Canton; B.S.; *Preventive Medicine*
- Kathy Krill, Belle Vernon, Pa.; B.S. (Indiana University of Pennsylvania); *Home Economics*
- Chung-Chao Ku, Taiwan, R.O.C.; B.Eng.; *Industrial and Systems Engineering*
- David John Kuhlmann, Columbus; B.S.M.E.; *Mechanical Engineering*
- Kou-Hua Lai, Taiwan, R.O.C.; B.S.E.E. (National Taiwan Institute of Technology); *Electrical Engineering*
- John L. Lamb, Royal, Iowa; B.S. (State University of Iowa); *Geology and Mineralogy*
- Lou Ellen Lamb, Longview, Tex.; B.A. (Occidental College); *Agronomy*
- David Andrew La Rosa, Kokomo, Ind.; B.S.E.E.; *Electrical Engineering*
- Ing-Lin Lee, Taiwan, R.O.C.; B.S. (National Cheng Kung University); *Civil Engineering*
- Jeffrey Alan Lee, North Olmsted; B.S.; B.A.; *Industrial and Systems Engineering*
- Yung-Huei Lee, Taipei, R.O.C.; B.S. (National Chiao Tung University); *Electrical Engineering*
- Kathleen Johnson Lennon, Ashland, Ky.; B.S.Nurs.; *Nursing*
- Da-Tung Liang, Taipei, R.O.C.; B.Eng. (College of Chinese Culture); *Ceramic Engineering*
- Jui-Chuan Liang, Taiwan, R.O.C.; B.S. (National Central University); *M.S.; Electrical Engineering*
- Chung-Yi Lin, Taipei, R.O.C.; B.S. (Tunghai University); M.S. (Ohio University); *Physics*
- Walter Steven Litkovitz, Columbus; B.S.E.E. (University of Michigan); *Electrical Engineering*
- Fun-Kai Kenny Liu, Taipei, R.O.C.; B.S. (National Cheng Kung University); *Electrical Engineering*
- Fwu-Lin Liu, Taichung, R.O.C.; B.S. (National Taiwan University); *Engineering Mechanics*
- Debra G. Loff-Like, Sciotoville; B.A. (Hartwick College); *Preventive Medicine*
- Hugo Lopez, Saltillo, Mexico; B.Sc. (Instituto Tecnológico de Saltillo); *Metallurgical Engineering*
- Claude Pierre Lorenson, Montreal, Canada; B.Sc. (Université Laval); *Physics*
- Tod Lampson Lovan, Columbus; B.S.Chem. (Wheaton College); *Biochemistry*
- Ching-Sung Lu, Yun-Lin Hsien, R.O.C.; B.S., M.S.E. (National Cheng Kung University); *Computer and Information Science*
- Paula Jean Lucas, Pepper Pike; B.A. (Ohio Wesleyan University); *Home Economics*
- Anne Elizabeth Lyon, Chattanooga, Tenn.; B.S.Agr.; *Natural Resources*
- John Louis Macko, West Bloomfield, Mich.; B.S. (John Carroll University); *Natural Resources*
- Sriram Mahalingam, Madras, India; B.Tech. (Indian Institute of Technology); *Computer and Information Science*
- Kamal Naif Majeed, Basrah, Iraq; B.Sc. (University of Basrah); Diploma (University of Technology at Baghdad); *Electrical Engineering*
- Asaye Mamo, Columbus; Diploma (Polytechnic Institute); M.Sc. (Lenn Polytechnic Institute); *Chemical Engineering*
- Francis Allen Mansfield, Oakwood; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*
- Jorge Marin Guzmán, San Jose, Costa Rica; B.S. (Universidad de Costa Rica); *Animal Science*
- James M. Martin, Hammond, Ind.; B.B.A. (University of Cincinnati); B.S.; *Horticulture*
- Fernando Martinez, Uruapan, México; (Instituto Tecnológico de Monterrey); *Electrical Engineering*
- Randall Claude Masterson, Somerset; B.S.Agr.; *Agricultural Education*
- Judith Ann Mastrine, Columbus; B.S.H.E.; *Home Economics*
- Paul Alan Mazur, North Royalton; B.S., M.S. (Bowling Green State University); *Natural Resources*
- Victoria Suomela McCauley, Columbus; B.A. (Carleton College); *Chemical Engineering*
- Manu Mehta, Jullundur City, India; B.S.E.E.; *Electrical Engineering*
- Joseph A. Messuri, Youngstown; B.Eng. (Youngstown State University); *Civil Engineering*
- James A. Miele, Levittown, Pa.; B.S. (Delaware Valley College); M.S. (Rutgers University); *Veterinary Pathobiology*
- Terry Freda Miele, Belleville, N. J.; B.S. (Rutgers University—Cook College); *Entomology*
- Cathleen G. Minges, Cincinnati; B.S. (University of Cincinnati); *Microbiology*
- Janet Marie Mink, Youngstown; B.S.A.S., M.S.Ed. (Youngstown State University); *Nursing*
- Yadollah Kewmars Mohammad-Makki, Tehran, Iran; B.S. (Tehran University); M.S. (West Coast University); *Computer and Information Science*
- Michael Brian Montalto, Newark; B.S. Nutrition; *Home Economics*
- Ahmad Nahvi, Centerburg; B.S.E.E.; *Electrical Engineering*
- Goutham Natarajan, Madras, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Dolf Claud Nation; B.A. (California State University); *Geodetic Science*
- Joseph William Needham, Overland Park, Kans.; B.B.A. (Southern Methodist University); *Agricultural Economics and Rural Sociology*
- Philip Andrew Neff, Bucyrus; B.S.; *Agricultural Education*
- Peter Francis Noronha, Bangalore, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Mohammad Salameh Obaidat, Kofrums, Jordan; B.S. (Aleppo University); *Electrical Engineering*
- Gene Arnold Oleynik, Springfield; B.S.; *Physics*
- Ernest Christopher Orton, Columbus; B.S. (Oregon State University); D.V.M. (Washington State University); *Veterinary Clinical Sciences*
- Jae Won Park, Seoul, Korea; B.Agr. (Kon-Kuk University); *Animal Science*
- Lynette Marie Parker, Columbus; B.A. (West Liberty State College); *Industrial and Systems Engineering*
- T. A. Parthasarathy, Madras, India; B.Tech. (Indian Institute of Technology); *Metallurgical Engineering*
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- Brett A. Pigon, Amherst; B.S.E.E.; *Electrical Engineering*
- Lisa Jane Piper, Scotia, N. Y.; B.S. (Purdue University); *Electrical Engineering*
- Lydia Aida Pourzanjani, Bay Village; (Miami University); *Home Economics*
- Samuel Muthiah Prabhakar, Madras, India; B.E. (University of Madras); *Electrical Engineering*
- Mostafa Golpeykar Radi, Tehran, Iran; B.S. (University of Illinois); *Electrical Engineering*
- Richard Todd Ricketts, Pickerington; *Agricultural Education*
- Bertrand Gerard Robins, Marysville, Wash.; B.A. (University of Washington); *Welding Engineering*
- Joan Timberlake Rosano, Livermore Falls, Maine; B.A. (Central Connecticut State College); *Chemistry*
- Joy Roy, Varanasi, India; B.Tech. (Indian Institute of Technology); *Mechanical Engineering*
- Michael A. Ruizzo, Magnolia, N. J.; B.S. (Rutgers University); *Horticulture*
- Nicholas Thomas Saltos, Patras, Greece; (University of Bologna); M.S. (Worcester Polytechnic Institute); *Nuclear Engineering*

Katherine Sarlo, Bay Shore, N. Y.; B.S. (State University of New York at Stony Brook); *Microbiology*

Jack Howard Schlanser, Jr., Cincinnati; B.S. Food Sci.; *Food Science and Nutrition*

Pamela Gay Schweikert, Cincinnati; B.S.N. (Miami University); *Nursing*

Gamal Ibrahim Selim, Cairo, Egypt; B.Sc. (Military Technical College); *Electrical Engineering*

Asok Kumar Sen, Calcutta, India; B.Sc. (Calcutta University); M.Sc. (Jadavpur University); *Physics*

Timothy Leo Sheaf, Columbus; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

David Semmes Sherill, Clemson, S. C.; B.S. (Clemson University); *Physics*

Shizuo Shinada, Kashiwazaki, Japan; B.Eng. (Tohoku University); *Mechanical Engineering*

Maxine Lorraine Shivalier, Kingsland, Ga.; B.S. (Fort Valley State College); *Home Economics*

Thomas Halle Sinks, Jr., Shaker Heights; B.S. (Tulane University); *Preventive Medicine*

Yusef Saleh Siraj-Ali, Makkah, Saudi Arabia; B.S. (Riyad University); *Horticulture*

James P. Skon, Delaware; B.A. (Mount Vernon Nazarene College); *Computer and Information Science*

Carolyn Bishop Slack, Canal Winchester; B.A. (Boston University); *Preventive Medicine*

Herbert M. Smith, Cincinnati; B.A. (Capital University); B.S.Pharm.; *Pharmacy*

Lisa Annette Smith, Yellow Springs; B.S.; *Natural Resources*

Theresa Marie Smith, Browns Mills, N. J.; B.S. (University of Delaware); *Chemistry*

Mary Ann Spanovich, Carmichael, Pa.; B.S. (Indiana University of Pennsylvania); *Home Economics*

Willie Antonio Spencer, Martinsville, Va.; B.S. (University of Maryland—Eastern Shore); *Civil Engineering*

Jeffrey Rheinhold Stenzel, Cleveland Heights; B.A. (Case Western Reserve University); *Zoology*

Richard Scot Stewart, Racine, Wis.; B.S. (University of Minnesota); *Natural Resources*

Mary Lynn Stockdale, Madison, Ind.; B.S. (Purdue University); *Animal Science*

Balasubramanian Kandaswamy Sundararaj, Pollachi, India; B.Tech. (Indian Institute of Technology); *Metallurgical Engineering*

Linda Iona Sutton, Chillicothe; B.S. (Ohio University); *Allied Medical Professions*

Zainel-abdin Abdul-Majid Tahboub, Hebron, Jordan; B.Mech.Eng. (University of Helwan); *Industrial and Systems Engineering*

Andrew Dennis Thompson, Jr., Columbus; B.A. (Ohio Wesleyan University); *Zoology*

Alan Eugene Tischer, Mount Gilead; B.S.A.A.E.; *Aeronautical and Astronautical Engineering*

Chi-Keng Tsai, Ching-Shuei, R.O.C.; B.S. (National Chiao-Tung University); *Electrical Engineering*

Hwai-Min Tsay, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Chemistry*

Terri Sue Turner, Dayton; B.S.; *Nursing*

Bruce David Uhal, Columbus; B.S. Nutrition; *Food Science and Nutrition*

Edwin Lynn Utt, Pittsburgh, Pa.; B.S.E.E.; *Electrical Engineering*

Salomon Vainer, Mexico City, Mexico; D.D.S. (Universidad Tecnológica de México); *Dentistry*

Samuel O. Valéz-Delgado, Columbus; B.S. (University of Puerto Rico); M.S. (Kansas State University); *Agricultural Economics and Rural Sociology*

Victor Anthony Vinci, Canton; B.S. (Bowling Green State University); *Microbiology*

Naheed Wali, Hyderabad, India; B.Eng. (Bangalore University); *Biomedical Engineering*

Shu-jeen Wang, Yung Ho, R.O.C.; B.S. (National Cheng Kung University); *Computer and Information Science*

Audrey G. Wanstreet, Cleveland; B.S. (Kent State University); *Horticulture*

Linda Sue Wendeln, Columbus; B.S.; *Allied Medical Professions*

Beth Hamer White, Galena; B.S. (University of New Hampshire); *Agricultural Education*

Vythilingam Wijekumar, Viyaparimoolai, Sri Lanka; B.Sc. (University of Peradeniya); *Physics*

Leslie S. Wiles, Columbus; B.S.N. (Duke University); *Nursing*

Chris Paul Williams, Fairlawn; B.A.; *Biochemistry*

Eva Marie Williamson, Marietta; *Home Economics*

Jane Marie Winslow, Columbus; B.A. (Denison University); *Agricultural Economics and Rural Sociology*

Karen Ann Winters, Columbus; B.S.; *Veterinary Pathobiology*

Hsiu-Mei Wu, Taipei, R.O.C.; B.S. (Fu Jen Catholic University); *Horticulture*

Shan-Shan Yan, Yan-Ling, R.O.C.; B.S. (National Chung Shing University); *Horticulture*

Kenneth Michael Yocum, Steubenville; B.S. (Ohio University); *Nuclear Engineering*

Regina M. Young, Westerville; B.S. (Duke University); *Biochemistry*

Christine Ann Zerby, Pillow, Pa.; B.S.; *Home Economics*

Edward V. Zinni, Parma Heights; B.S.; *Geology and Mineralogy*

Kathleen Zopf-Herling, Columbus; B.S.N. (State University of New York at Plattsburgh); *Nursing*

Master of Social Work

Beverly Elin Ekholm, Chicago, Ill.; B.S. (Bowling Green State University); *Social Work*

Beverly Sue Fischvogt-Uetricht, Cincinnati; B.S.Soc.Wel.; *Social Work*

Donna Jean Hicho, Broadview Heights; B.S.Soc.Wel.; *Social Work*

Maurice Joseph Lambert, Jr., Windsor, Conn.; B.A. (Marist College); *Social Work*

Eileen Lee, Cincinnati; B.A. (Louisiana State University); *Social Work*

Marilyn K. Shannon, Columbus; B.S.Soc.Wel.; *Social Work*

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Chairman, Coordinating Council of Deans: Patrick R. Dugan
Vice Provost for the Arts and Sciences: Thomas A. Willke
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College of the Arts
College of Biological Sciences
College of Humanities
College of Mathematical and Physical Sciences
College of Social and Behavioral Sciences

College of the Arts

Dean: Andrew J. Broekema

Bachelor of Arts

Karen Jo Bates, Madison
Elizabeth Warner Clark, Columbus
Katherine D. Keenan, Columbus
Robert Lee Kerr, Jr., Columbus
Rhonda Jean Thompson, Marietta

Bachelor of Fine Arts

Mary L. Bonasera, Columbus
Clifton Bruce Chastain, Columbus
Kendall Ann Childs, Dayton
Colleen Linda Clark, Columbus
Diana Lynn Cowgill, Columbus

Stephen Paul Frazer, Columbus
 Mark Allen Gagnon, Salem
 Grace A. Gassen, Columbus
 René Marcel Glandorff, Columbus
 Barton Dale Hawkinberry, Columbus
 Shelly Marie Kirkham, Worthington
 Tracee Ginger Laing, Granville
 Lee Morrison Leighner, Columbus
 Mariateresa Baisas Mendoza, Columbus
 Farnaz Naghshineh, Tehran, Iran
 Amy Faye Slater, Columbus
 Molly Joy Spies, Dover
 Cynthia Kaye Straten, Lancaster
 Patricia Sue Tyznik, Columbus
 Laurel Grace Wanner, Plattsburgh, N. Y.
 James Loren Wasserstrom, Columbus
 Beverly Ann Whaley, Newark
 Kim Zesiger, Columbus

Bachelor of Art Education¹

Joseph Wilbur Martin, Columbus
 Anne Elizabeth Porterfield, Columbus

Bachelor of Art Education²

Bruce Eugene Jacklin, Columbus
 Paula Danna Sherman, Galena
 Dreama Faye Williams, Columbus

Bachelor of Music

Kristen Johanna Jones, Worthington
 Dane Maxim Richeson, Columbus
 Mark Alan Rush, Columbus

Bachelor of Music Education

C. Jill D'Addio, Worthington
 Christopher Alan DiSanto, Columbus
 Vickie L. Robinson First, Columbus
 Jeffrey Thomas Hayman, Westerville
 Michael Alan Peters, Zanesville
 Katrina Spencer Ross, Columbus
 Michael Paul Schaff, Sylvania
 Curtis Gerald Weinrich, Jr., Columbus

Bachelor of Science in Industrial Design

John Erdmann Aldrich, Jr., Columbus
 Andrea Lee Bavez, Columbus
 Gregory James Foster, Dallas, Tex.
 Valerie Anne Gadd, Columbus
 Genine Ann Leonard, Mayfield
 Michael Lawrence Poor, Greencastle, Ind.
 Carol Sue Smith, Bellefontaine

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

Jeffrey Paul Semach, Poland

Bachelor of Science

Laura Kathleen Briggs, Worthington
 Juliana H. J. Brooks, Columbus
 Mark Steven D'Aversa, Brook Park
 Peter Jerome Ferron, Painesville
 Susan Maurer Folger, Columbus
 Sheldon Dean Henry, Sunbury
 Lawrence Edward Holbrook,
 Winter Park, Fla.
 Timothy Scott Holless, Wapakoneta
 Lisa Diane McColium, Mentor
 Jacqueline Ann O'Keefe, Parma
 Susan Paddock, Columbus
 Ladan K. Pourmoghadam, Tehran, Iran
 Nancy Katherine Robinson, Toledo
 Michael Joseph Rubels, Clinton
 Duane Allen Schrock, Millersburg
 Christopher John Sutton, Toledo
 Brett David Wallace, Columbus
 Hope Elise Winograd,
 Ocean Township, N. J.
 John A. Young, Newark
 Tracy Andrea Zemel, University Heights

College of Humanities

Dean: Diether H. Haenicke

Bachelor of Arts

Alvin Duane Ash, Muncie, Ind.
 Elizabeth Bodimer, Franklin, Pa.
 David Arthur Caborn, Columbus
 W. Franklin Christman, Caledonia
 Kenneth Alan Coates, Bedford
 Timothy Martin Daher, Bedford Heights
 Vera Erac, Cleveland
 Ann Elizabeth Falk, Lima
 Debra Rae Fields, Hinckley
 Michael James Fiorini, Columbus
 M. Adena Gifford, Toledo
 Christopher Mark Grimsley, Columbus
 Charles Philip Hehmeyer, Chesterland
 Holly Ann Helmick, Canton
 Mary Beth Hirsch, Cincinnati
 Edward Herman Hosey, Sandstone, W. Va.
 Mary Agnes Houck, Columbus
 John Xavier Keenan, Columbus
 Jessica Mae Kline, Mansfield
 Jody Steven Kraus, Shaker Heights
 James E. Laugtug, Columbus
 William P. Love, Canton
 Jennifer Ann Miller, Newark
 Susan J. Miller, Columbus
 Elaine Adele Morgan, Grove City
 Hania Nashef, Amman, Jordan
 Ralph Ray Orr, III, Columbus
 Elizabeth Anne Rader, Newark
 Thomas W. Rauch, Columbus
 Ellen Scott Rue, Cincinnati
 Debra L. Saye, Atwater
 Jeffrey Paul Sondles, Bay Village
 Lee Ann Tobin, Columbus
 Joseph David Wine, Columbus

College of Mathematical and Physical Sciences

Dean: Colin B. B. Bull

Bachelor of Arts

James Lyle Cowie, Sandusky
 Harry Louis Favre, Columbus
 Dennis Lloyd Flowers, Worthington
 Jeffrey Alan Jones, Lima
 Rebecca Therese Keener, Columbus

Bachelor of Science

John Brell Bracey, Toledo
 Mark David Butler, Lexington
 Richard H. Carver, Mansfield
 Michael Edwin Costello, Columbus
 Ronald D. Dawes, Berea
 Jo Ann Denise Dragon, Ashtabula
 Catherine M. Ferry, Fairlawn
 Brent Eric Gross, South Euclid
 Marta Angeline Haban, Reynoldsburg
 Michael Patrick Hagerty, Columbus
 Jeffrey Harroff, Columbus
 Matthias Helfrich, Fairview Park
 Thomas W. Hwang, Waverly
 Wolfgang Kurapak, Westerville
 Sharon Annette Little, Columbus
 Richard Lee Lockwood, Lancaster
 Jeffrey E. Lucius, Columbus
 Louis Carl Martina, Cincinnati
 Michael James Mayer, Lyndhurst
 Mark E. Miller, Columbus
 Gary Allen Mitiska, Amherst
 Leilani Marie Owens, Columbus
 Ramon Quintanilla, Toledo
 Lorraine Mary Rellick, Pittsburgh, Pa.
 Steven Alexander Shadwick, Newark
 Donald Keith Sill, Chesterland
 Daniel Ray Ward, Worthington
 Steven George Wright, Cincinnati
 Paul Lawrence Zorko, Columbus

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Marcia E. Andrews, Dayton
 Tom A. Atkins, Columbus
 David A. Barth, Youngstown
 Janet M. Bearer, Columbus
 Julia Kristin Burkett, Granville
 Sandy Lee Burkett, Massillon
 William Raymond Burrell, Gahanna
 **Martha Elizabeth Caldwell, Urbana
 Beth Ann Calvary, Columbus

¹ Offered by the College of the Arts
² Offered jointly by the College of the Arts and the
 College of Education

Deborah Jean Carrington, Columbus
 Susan Lynn Carroll, Martins Ferry
 Danny Chatmon, Columbus
 Kathleen Ann Colling, Wickliffe Heights
 William Consolo, IV, Bellevue
 Cheryl Celeste Council, Queens, N. Y.
 Katherine Louise Crawford,
 Huntington, W. Va.
 Julia Mitchell Davis, Columbus
 Karen Lou Dennis, Columbus
 Colleen Mary Donlin, Madison
 Gail A. Dorfman, Columbus
 Douglas Pace England, Columbus
 Mary Elizabeth Fedurek, Whitehouse
 Jeff Paul Fobes, Kingsville
 Lynn Marie Foley, Milwaukee, Wis.
 D'André Yvette Forté, Garfield Heights
 Gregory Jon Fraunfelder, Mentor
 Stephen Richard Galvin, University Heights
 Russell Dean Gatewood, Orlando, Fla.
 Tracy B. Gerhart, Mansfield
 Jane Marie Gilbert, Huron
 Stephen Paul Gill, Columbus
 Yvonda Inett Glenn, Cleveland
 Mark Bryan Goldfarb, Dayton
 Kelly Griffith, Sylvania
 Gwendolyn Lee Guy, Mechanicsburg
 Steven Glen Hensler, Athens
 Lon Cary Herman, Cleveland
 Jeffrey William Jones, Robinson, Ill.
 Sheldon Alan Kahan, University Heights
 Kerlake Kerekias, Columbus
 Lisa Elaine Kirk, Williamsburg
 Mark Charles Klise, Galloway
 Kay Marie Krueger, North Olmsted
 Cheryl Susan Lewis, Columbus
 William Page Lewis, III, Whitehall
 Brenda L. Lutz, Tiffin
 Janice Marie Mathews, Hillsboro
 Jon Michael McIntosh, Wauseon
 Lawrence Joe McWherter, Columbus
 Janet Marie Miller, Barberton
 Melanie Ellen Moore, Kent
 Cathie Teresa Moss, Cleveland
 Marilyn R. Orr, Circleville
 Robyn Lee Reed, Pickerington
 Todd Ervin Reeves, Columbus
 Brenda Jean Reinhart, New Holland
 Aurora Roman Saddler,
 Cebu City, Philippines
 Cathy Sue Schlossberg, Akron
 Bradley Keith Sinnott, Reynoldsburg
 Donna Jean Smith, Sainesville
 Mary E. Snider, New Albany
 Mary Louise Spahia, Seven Hills
 Barbara Ann Strach, Akron
 Rhonda Thomas, Teaneck, N. J.
 William Joseph Thomas, Columbus
 Joan Irene Vance, Dayton
 Judith Elaine Walker, Akron
 Andrew B. Weiland, Lexington
 William Scott Weiss, Steubenville
 Janet Dea White, Gahanna
 Gwendolyn Williams, Columbus
 Tamara Renee Williams, Columbus
 Teresa Anne Wirth, Columbus
 Paula Jane Woodson, Columbus
 Loryn Beth Youkilis, Cincinnati
 ** Degree is posthumously awarded

Bachelor of Science
 Aldena Renee Barrett, Philadelphia, Pa.
 Barbara Sue Boehm, Maple Heights
 Scott Charles Brenneman, Mount Vernon
 David Daryl Carver, Columbus
 Thomas Griffin Cross, North Canton
 John Thomas Danes, Jr., Niles

Valerie Adkins Gross, Upper Arlington
 Mark Steven Hipple, New Bremen
 Rodney Lee Irwin, Jr., Toledo
 Donald Eugene Jenkins, Lima
 Kevin George Kowis, Pickerington
 Danita Jo Kurtz, Middlefield
 Raymond Jay Melick, Columbus
 Monica Elizabeth Ransome, Cincinnati
 Kathie Gail Shockley, Columbus
 Jacqueline Kay Swagert, Massillon
 Cheryl L. Torolan, Vandalia
 Hermosa Cozella Trudell, Columbus
 Geoffrey Howard Turfott, South Euclid
 Daniel Ray Weininger, Sycamore
 Tammy Kay Gale Woo, Columbus

School of Journalism

Bachelor of Arts in Journalism

Basil A. Ayish, Elyria
 Jennifer M. Baseden, Columbus
 Mary Jeannette Brown, Dublin
 Jesse Tritschler Carter, Loudonville
 Maureen Anne Daly, Levittown, N. Y.
 Kathryn M. Fallert, Jacksonsville, Fla.
 Earl Jay Glasure, Toronto
 Lisa Jo Goetz, Fairlawn
 Joseph Charles Harkins, Cincinnati
 Ellen Barbara Heile, Apple Valley, Minn.
 Kima Renee Hicks, Dayton
 Mike Hostetler, Mansfield
 James Patrick Kane, Fulton, N. Y.
 Rebecca Anne Keller, North Olmsted
 Deborah K. Kelly, Brilliant
 Gregory James Kelly, Toledo
 Julie A. Kemble, Cincinnati
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 Brenda Sue Lauer, Cleveland
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 Lee Berton Morrison, Smyrna
 Richard Paul Payne, Columbus
 Juliee Marlene Peyton, Fataakala
 Richard A. Rico, Richmond Heights
 Margaret Trace Rodes, Cincinnati
 Jill Lizbeth Spangler, Poland
 Marcy Cheryl Waxman, Toledo

Lisa Marie Bernet, Branford, Conn.
 Beverly Diane Blazek, Willoughby
 Robert William Bowman, Columbus
 Patricia R. Brennan, Columbus
 Suzanne Marie Broglio, Lorain
 Theresa Ann Brulport, Loveland
 Oscar Arrie Budel, Salem
 Matthew Alan Burkett, Columbus
 Mark A. Bush, Hilliard
 John David Carter, St. Paris
 Patricia Elaine Caruso, Circleville
 Karen Louise Chericio, Clarion, Pa.
 Dena K. Childers, Morrow
 Gregory Scott Clark, Mt. Sterling
 James Russell Clark, Columbus
 Allen Lee Clem, Bucyrus
 Kelly William Cleveland, Bryan
 Shawn David Cloran, East Liverpool
 Deborah Howells Colasurud, Dublin
 Mark Lewis Collins, Arlington, Mass.
 Lee Jonathan Conwell, Polk
 Diane Lynn Cooper, Marion
 Daniel Richard Corbett, Cleveland
 Kevin John Coughlin, Columbus
 Aimee Diane Cowgill, Van Wert
 Raymond Ralph Cross, Findlay
 Germaine Anne Cuddy, Columbus
 Virginia Susan Klein Daly, Columbus
 Thomas Edward Davis, St. Henry
 Todd Neumann Davis, Centerville
 Michael Joseph DeShon, Akron
 Harold Daniel Diener, Mansfield
 Ray Scott Dietrich, Centerville
 Allison Ann DiGeorge, Mingo Junction
 Diane Louise Dinco, Latrobe, Pa.
 Michael Gerard DiSalvo, Dayton
 Eric Edward Docter, Lima
 Debra Susan Dodda, Burnswick
 Alan Edward Dolezal, Dillonvale
 Bruce Lynn Dollings, Newark
 Cathy Ann Donnelly, Elm Grove, Wis.
 Diane Lee Dorchak, Solon
 William Stuart Dowdy, Columbus
 Daniel Lawson Duhl, Marion
 David Alan Dulinski, Toledo
 Michael W. Durbak, Newark
 Dennis Raymond Durco, Rossford
 Elaine Marie Ebner, Cleveland
 Nancy M. Efland, Parma
 Drew Matthew Ellis, Zanerville
 Janet Epp, Springfield
 Timothy Ray Evancho, Cambridge
 David Michael Eystone, Upper Sandusky
 Gordon Probert Eyre, Columbus
 John Thomas Farrell, Elyria
 Patrick H. Ferry, Mineral City
 Andrew J. Finch, Galion
 Stephen Joseph Fisher, Darien, Conn.
 Luanne Denise Fisi, Akron
 Kevin James Flaherty, Columbus
 Frederick E. Fohtman, Columbus
 Howard Sherman Forman,
 Cleveland Heights
 Michele Ann Fracasso, Columbus
 Bessie Lynn France, Chagrin Falls
 Karen J. Funk, Columbus
 LaNell Renee Galloway, Columbus
 Kevin Adrian Gardner, Milford
 Kathleen Lee Gaslin, Columbus
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 Douglas Gerard Geraci, Reading
 Christopher Dennis Geyer, Lisle, Ill.
 Jean Marie Glaser, Columbus
 Gordon Muri Goff, Fairborn
 David Bruce Goldstein, Cincinnati
 Virginia Ann Gontero, Kent
 Jeffrey Eric Gordon, Cleveland Heights
 David Michael Gouttiere, Maumee
 Jack Rexford Gray, Jr., Elyria

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Douglas J. Abbott, Painesville
 Scott Allen Allman, Coshocton
 Jo A. Altman, Mansfield
 Ronald Eugene Andrews, Columbus
 Cynthia Lin Arnett, Eaton
 John William Ault, Caledonia
 Barbara Ann Babcock, Ashland
 Stacey Beth Babson, Howard Beach, N. Y.
 Bradley Joseph Barr, Galloway
 Annette Marie Bavetz, Columbus
 William Ross Beatty, Pottstown, Pa.
 Jeffrey Scott Beck, Maineville
 James Dean Beery, Logan
 Rita Louise Bell, Columbus
 Sherry Ann Beltz, Akron
 Anne Hilda Bergman, Boca Raton, Fla.

Michael William Greenzalis, Columbus
 Yvonne Mary Guthell, Columbus
 Steven Hayden Hafner, Sandusky
 Lisa Michelle Harp, Columbus
 John Maxwell Harris, Akron
 Sally Jo Hartwell, Hubbard
 Sara Byrd Havens, Columbus
 Robert I. Hendershot, Fairview Park
 Sheila Marie Hensel, Powell
 Steven Mark Herb, Columbus
 Christina Ruth Hersherberger, Westerville
 Randall Lee Hicks, Canal Winchester
 David Joseph Hogan, Reynoldsburg
 Llewellyn Charles Holder, Fairview Park
 Thomas Michael Homish, Toledo
 Jeffrey Raymond Houk, Chillicothe
 Bradley Robert Hulls, Columbus
 John Robert Hunek, Cincinnati
 Bruce Cameron Hunt, Lebanon
 David William Hunt,
 New Castle-on-Tyne, England
 Kenneth L. Hutchins, Marion
 Daniel A. Jablons, Woodmere, N. Y.
 Mark Steven Jaynes, Worthington
 Laurie Ann Jazbec, Lyndhurst
 Sue Ellen Jefferis, Cambridge
 Terri Marie Johnson, Zanesville
 Jeffrey Allen Johnston, Troy
 Karl Maurice Jones, Dayton
 Gerald Joseph Jusek, Eastlake
 Vincent Lawrence Jusko, Reynoldsburg
 Christopher Brucken Keck, Newark
 Robin Lynne Kindy, Kettering
 Michelle Marie Kinney, Parma
 Edward Kleingutell, Mansfield
 Susan Lynn Knoble, Cincinnati
 Donna Jean Knopf, Westerville
 John Stewart Kochheiser, Dublin
 Janet Marie Koncar, Hilliard
 Teresa Rose Konesky, Olmsted Falls
 Douglas Michael Korhan,
 State College, Pa.
 Michael Andrew Kosco, Lorain
 Jane Marie Kuchnicki, Walton Hills
 Dana Thomas Kuhn, Lancaster
 Keith Brian Kuhn, Willard
 Mary Frances Kurtz, Columbus
 Mark Hummer Lauferseweiler, Dayton
 Dennis Ray Lautzenheiser, Orrville
 Jody Mae Leggett, Worthington
 John William Lewis, Reynoldsburg
 Daniel Anthony Ludwig, Cincinnati
 Vincent C. Lupo, Columbus
 Philip Kurt Lutz, Hudson
 Henry D. Mariana, Columbus
 Wallace William Marks, Parma
 Suzanne E. Marquee, Lancaster
 Sean Edward Martin, Ashland
 Kevin David Massie, Xenia
 Janet Elaine McConnell, Columbus
 Winona Gail McDavid, Dayton
 Richard J. McLaughlin, Columbus
 MaryAnn McQuillin, Delta
 Lewis Samuel Medich, Wintersville
 Anthony Lawrence Mercure, Columbus
 Douglas G. Merriman, Cincinnati
 Marina Milenkovski, Columbus
 George Bennett Mitchell, Ashland
 Thomas Carmen Montello, Pepper Pike
 Laurel Ann Moor, Columbus
 Frank William Morgan, Columbus
 Steven Kenneth Morse, Columbus
 Ronetta C. Mount, Mt. Vernon
 John Michael Murray, Kenton
 Thomas Anthony Muzilla, Vermilion
 Timothy Lee Newsome, Youngstown
 Terry Lee Oakley, Lakeview
 Abdisalam Haji Hussein Omar,
 Hargeisa, Somalia

Gerard James O'Neill, Toronto, Ontario
 Kurt Osterheld, Sanford, N. C.
 Mary Katherine Oswald, Parma
 Deborah K. Owens, Webster, N. Y.
 William Arthur Pardee, Oberlin
 Patrick Michael Perruzzi, Youngstown
 Steve Michael Perry, Columbus
 William Earl Perry, Columbus
 Dana Ann Pershing, Dover
 William Michael Peugh, Reynoldsburg
 Deborah Lynne Pocock, Chillicothe
 Laurel Harriet Pond, Elyria
 B. Louis Poppovich, Massillon
 Robert Allen Powell, Marietta
 Barbara Ann Pramlik, Columbus
 Diana Kay Rainey, Lorain
 Terri Mellott Ramey, Butler
 Terry Alan Ramey, Perrysville
 Jane Reavill Ransom, Galena
 Gregory Guy Rauch, Newark
 Elaine Marie Rausch, Columbus
 Julie Lynn Reese, Columbus
 Christina Maria Rich, Akron
 Nanette Kay Richardson, Worthington
 John Clyde Rickel, Columbus
 Keith Edward Riley, Columbus
 Thomas Robert Ritter, Cincinnati
 William Andrew Roberts, Columbus
 Joe A. Rodono, Wickliffe
 Alexander James Rolletta, Newark
 John Joseph Rolph, Ann Arbor, Mich.
 Raymond Thomas Rosso, Lorain
 Penny Sue Ross-Salyer, Columbus
 Eileen Marie Ryan, Columbus
 Michael M. Sanders, Mayfield Heights
 Gregory S. Saunders, Groveport
 Steven Douglas Schaefer, Lexington
 John Michael Schafer, Bexley
 Patricia Marie Schiely, Worthington
 Mary Lee Scott, Worthington
 Terry Neil Seaman, Cleveland
 Pamela Lou Segreto, Warren
 John Allen Seifrick, Houston, Tex.
 Richard Dennis Shafer, Westerville
 Ahmed J. Siddiqi, Karachi, Pakistan
 Robert Stanley Sipp, Columbus
 Gregory Paul Smigelsky, Maple Heights
 Donna Jean Smith, Ashley
 Robert Edward Smith, Coshocton
 Susan Louise Smith, Worthington
 Tamera Berry Smith, Columbus
 Michael John Smithyman, Columbus
 Carl Eugene Speicher, Worthington
 Kathryn J. Staples, Dunwoody, Ga.
 Harry Brent Starr, Blacklick
 Kathy Diane Stone, Westerville
 Andrew Nathen Stotzer, Archbold
 James C. Stover, Cleveland Heights
 Tina Marie Talarico, Yorkville
 Timothy Raymond Tanner, Newark
 James Scott Templeton, Mansfield
 Cynthia Lou Thompson-Stump,
 Worthington
 Todd Aaron Thompson, Sidney
 Clint William Thrush, Columbus
 Martin Patrick Tierney, Cincinnati
 Van Lay Tieu, Columbus
 Paul Edmond Titus, Westerville
 Terri Lynn Toennisson, Worthington
 Dorinda Denise Toles, Warren
 John L. Tripp, Piqua
 Kelly Ann Truex, Mt. Vernon
 Michael Douglas Turney, Mt. Vernon
 Michele Ruth Ungar, Columbus
 Frank Vincent Vailone, Columbus
 Salvatore Vanadia, Parma Heights
 Barry Keith Wagner, Louisville, Ky.
 Mark W. Wakefield, Columbus
 Bonalynn Cherie Wallach, Columbus

Mark Bruce Washburn, Loveland
 James David Weaver, Westerville
 Jeannine Sue Weber, Kenton
 Jeri Lin Weikert, Fostoria
 Gary Michael Weimar, Columbus
 Glenn David Weimar, Columbus
 Douglas Lee Weintraub, Akron
 Cornelia A. West, Columbus
 Donna Marie Wiley, Conneaut
 Stephen Lowell Willey, Columbus
 Cheryl Lynn Williams, Brook Park
 Glenda Ann Williams, Grove City
 Henry Hamilton Wilson, Westford, Mass.
 Jon Mark Wittsoesch, Kettering
 Terrence Craig Woldorf, Delaware
 Jesse Thomas Wolford, Newark
 Robert William York, Jr., Westlake
 Marian Catherine Young, Cleveland Heights
 Timothy L. Young, Xenia
 Charlene Ann Zagarsinsky,
 Indianapolis, Ind.
 Bonnie Ilene Zimmer, Canton
 James B. Zimmerman, Dayton

Bachelor of Science in Labor and Human Resources

Carl Warnock Burnett, Jr., Portersville
 Daniel Thomas Madizia, Ashtabula
 William Carey Meadema, Rocky River
 John Joseph O'Leary, Middleburg Heights
 Diane M. Priddy, Cleveland Heights
 Michael Douglas Shaw, Westerville
 Kathryn Lee Tarantino, Cleveland
 Anne Marie Zvirblis, Elyria

College of Agriculture and Home Economics

Acting Dean: George R. Gist

Bachelor of Science in Agriculture

Diane Kathryn Adams, Huntsburg
 Nanette Marie Berg, Lyndhurst
 Linda Susan Bien, Johnstown
 Raymond Samuel Byers, University Heights
 Gregory Vernon Cook, Vermilion
 David William Covey, Columbus
 David Wayne Dolvin, North Canton
 Blaine Edmond Douglas, Leavittsburg
 Hazel May Eberhard, Bellevue
 James Edward Emig, Cincinnati
 Patrick William Ernst, Cincinnati
 Robin Leigh Fyock, Reynoldsburg
 Ludmila Marie Graciani, Columbus
 James Louis Harned, Pleasant Valley, N. Y.
 John William Harvey, Springfield
 Julie Ann Hasenfratz, Toledo
 Christopher Lee Hisey, Greenfield
 Jeffrey Juilliard Howard, Bucyrus
 BobbiJo Jarvis, Cincinnati
 Jeffrey Allen Johnson, Warren
 Price Clarence Keller, III, Logan
 Jon Philip Lenz, Cheshire, Conn.
 Edward A. Miller, St. Clairsville
 Philip Andrew Neff, Bucyrus
 Richard A. Norris, Columbus
 Jennifer Sue Passaniti, Kettering
 Edward Clay Porterfield, Phoenix, Md.
 Deborah Jean Quinn, Middlefield

Susan Kathleen Reese, Strongsville
 Melinda Sue Remy, Waverly
 Richard Todd Ricketts, North Pickerington
 Sharon Marie Rubrecht, Cincinnati
 Michael David Ryan, Columbus
 Charles Dana Schneider, Wapakoneta
 Kathleen Kim Smith, Cincinnati
 Ann Christine Spearow, Fairborn
 Brett Marshall Spencer, Manchester
 Paul Matthew Stari, Parma
 Timothy Joseph Stuchal, Medina
 Nadia Szytec, Seven Hills
 Sheree Simon Taylor, Akron
 Mary Beth Urig, Avon
 William Dale Waidelich, Circleville
 Sue Ann Westfall, Elyria
 Colleen Ellen Wherthey, Louisville, Ky.
 Beth Daree Whittington, Columbus
 David Allen Witner, Norton
 Thomas Christian Zwirner, Dublin

Bachelor of Science in Food Science

Holley Frances Lawrence, Mt. Gilead
 Sally Joanne Rush, Grafton

Bachelor of Science in Food Technology

Douglas Alan Harp, Columbus

Bachelor of Science in Nutrition

William Carl Minton, Jr., Tipp City
 Jason Eliot Tasch, Cleveland
 Nicholas C. Varveris, Austintown

School of Home Economics

Bachelor of Science in Home Economics

Teresa Marie Bennett, Bainbridge
 Debbie Biederman, Columbus
 Sheri Kay Borovitz University Heights
 Beth Anne Collins, Dublin
 Susan Beth Deremo, Cincinnati
 Mary Jane Dittoe, Somerset
 Susan F. Dixon, Grove City
 Tracey Ellen Fathi, Columbus
 Linda Sue Hanson, Hilliard
 Barbara Joyce Heiko, Jericho, N. Y.
 Madonna Deann Hendershot, Fleming
 Marilyn Susan Hoffman, Circleville
 Kimberly Kristine King, Amherst
 Jill Ruth Kruse, Westlake
 Mary Henson Leedom, Columbus
 Anna Maric, Cleveland
 Karin Lynne Neff, Springfield
 Lessa Marie Newman, Columbus
 Ellen Jane Pieper, Cleveland
 Jill Michelle Primeau, Euclid
 Sarah Elizabeth Reid, Columbus
 Grace Young Ro, Columbus
 Annette Renee Russell, Bay Village
 Julia Mary Schmitz, Lakewood
 Linda Marjorie Sherman, Toledo
 Barbara Lee Sibert, Westerville
 Theresa Jo Tarpoff, Cincinnati

Jill Ann Thiessen, Wooster
 Tamara Sue Thomas, Canfield
 Leslie Ann Turner, Lancaster
 Sandra Kay Vogt, Orient
 Cecelia M. West, Columbus
 Eva Marie Williamson, Columbus
 Mar Lita Wilson, Columbus
 Cynthia Jennifer Zima, Parma

Bachelor of Science in Nutrition

Robert Joseph Vaschak, Campbell

Bachelor of Science in Restaurant Management

Paula J. Camardo, Cincinnati
 Dianna Lee Fowls, Newark
 Aileen M. Hyland, Columbus
 Martin William Salerno, Lake Milton

School of Natural Resources

Bachelor of Science in Natural Resources

Charles Warren Armbrust, Reynoldsburg
 Paul Charles Baylog, Cleveland Heights
 John Andrew Bricker, Columbus
 Erik Jorg Buggé, Troy
 Robert Michael Corbett, Solon
 Mark Jay Davies, Pataskala
 Donna Ann Dewhurst, Whitehall
 Teresa Marie Heilman, Kenton
 Lawrence George Herrick, Mayfield Heights
 Gary Wayne Kirkpatrick, North Canton
 Susan Marie Mann, Lima
 Gregg Spencer Netzley, Dayton
 Teresa Ann Nyhan, Rocky River
 Robert David O'Donnell, Grove City
 Mary Jo O'Neil, Bay Village
 Bruce Arthur Rich, Warren
 Rex Ward Rolf, Gibsonburg
 Martha Ann Schmidt, Columbus
 Dean Matthew Schubert, Columbus

Agricultural Technical Institute-Wooster

Associate in Applied Science

Candace Winston Harker, Louisville, Ky.
 Thomas Edward Kohls, Avon
 Douglas Edward Macklin, Petersburg
 Amelia Terese O'Shea, Staten Island, N. Y.
 William Francis Paulus, Canton
 Megan Gay Preston, Radnor
 Angelo Frank Randaci, Wooster
 Lois Ann Rios, Jeromesville
 Steve Eugene Smith, Bucyrus
 Kelli Ann Sparr, Ravenna
 Sharon Diane Turner, Litchfield
 Diane Kay Yanice, Mineral City

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Gandu Abdu, Bauchi, Nigeria
 Darlene Sue Adkins, Columbus
 Nancy Joyce Ambrecht, Gallipolis
 Debra Sue Applegate, Portsmouth
 Mohammed Nurudeen Baba, Bauchi, Nigeria
 Jalo A. Abubakar Bajoga, Bauchi, Nigeria
 Lynn Marie Basel, Maple Heights
 Sandra Lucille Beck, Columbus
 Peggy Jo Bleigh, Athens
 Beth Reljene Bormann, Newark
 Breck Baldwin Brown, Worthington
 Ellen Louise Brown, Gahanna
 Judith Louise Brown, Sebring
 Thomas Lee Brown, Columbus
 Scott Bradley Burton, Columbus
 Inge-Lise Christensen, Irwin, Pa.
 Edward Charles Clark, Delphos
 Tamara Aronson Clark, Walnut Creek, Calif.
 Margaret Sue Coker, Mansfield
 Sandra Lee Cress, Galion
 Chris Allen Cunin, Kirtland
 Mbula Dinna Dadi, Columbus
 Mark Douglas Davis, Youngstown
 Timothy Richard Deetz, Dover
 Jeanine Marie DeVol, Newark
 Karen Lynn Distelhorst, Columbus
 Sharon Lee Dunlap, Newark
 Shmuel Epstein, Columbus
 Mary Roberta Fawley, Westerville
 Miriam Kay Foster, Cincinnati
 Kenneth Charles Friedlander, Columbus
 Renee Janet Gaines, Toledo
 Nancy Ellen Garner, Dublin
 David Randal Gillum, Shiloh
 Sandra H. Harrison, Columbus
 Marsha Oliver Hayden, Newark
 Jane Marie Hemker, Delphos
 Keiko Hirokawa, Hiroshima, Japan
 Michele Marise Hohl, Columbus
 Susan Tackett Huffman, Columbus
 Ahmed Galadima Isawa, Bauchi, Nigeria
 William Clarence James, Columbus
 Deborah Anne Karn, Richmond
 Barbara Jean Kochli, Kettering
 Patricia Lynn Lamneck, Columbus
 Crystal Dee Lamprecht, Columbus
 Jennifer Lane, Lakeside
 Gail Aleen Law, Portsmouth
 Heidi Ann Leinard, Mansfield
 Fred Eugene Linard, Timberlake
 Deborah Elaine Manning, Westerville
 Larry Maynard, Marion
 Robert M. McKinney, Boardman
 Raymond Jay Melick, Columbus
 Lana Lee Milli, Mansfield
 Garba Ubali Mohammed, Bauchi, Nigeria
 Hassan Adamu Mohammed, Bauchi, Nigeria
 Matthew C. Moor, Westerville
 James Robert Morgan, Whitehall
 Mary Joy Knisley Morrison, Spencerville
 William George Murray, New London
 Regan Suzanne Oaks, Westerville
 Daniel Joel O'Brien, Columbus
 Joan Leslie Webb Orsborn, Fredericktown
 Cassie Emelia Osborne, Worthington

Abhipsa S. Parikh, Columbus
 Gwendolyn K. Peper, Ada
 Amy Anne Pike, Northfield, Mass.
 Jane Marie Pope, Port Clinton
 Jody Anderson Pugh, Granville
 Denise Michelle Ratusz, North Ridgeville
 Kallie Helen Reppas, Columbus
 Jule Sweeny Reuss, Lima
 Linda Margaret Rhoads, Circleville
 Carolyn Elizabeth Sabol, Columbus
 David Henry Shuter, Minford
 Karole Raye Skidmore-Roth, Mt. Gilead
 Karen Elaine Sliemers, Columbus
 Katherine Louise Smithyman, Columbus
 Louann E. Steele, Wadsworth
 Mark John Stefanik, Parma Heights
 Pamela Lynn Stewart, Warren
 Rebecca Reed Suran, Columbus
 Catherine Ann Taylor, Columbus
 Robin Lynn Taylor, Centerville
 David Lawrence Thomson, Fredericktown
 Brenda Sue Towns, Swanton
 Jill Lucinda Turney, Nevada
 Lisa Marie Vanderhorst, St. Marys
 Rebecca Ann Wagner, Hillsboro
 Victoria Lynn Grzybowski Wagner, Columbus
 Joyanne Irene Washington, Yellow Springs
 Robert Timothy Williams, Cleves
 Habu Hina Zarma, Bauchi, Nigeria
 Martha Casey Zawacki, Laureville

College of Engineering

Dean: Donald D. Glover

Bachelor of Science in Aeronautical and Astronautical Engineering

Stacia Rae Fannin, Lima
 Keith Allen Newell, Upper Sandusky
 Louis Szucs, San Rafael, Calif.

Bachelor of Science in Agricultural Engineering

Robert Lasley, Dayton

Bachelor of Science in Ceramic Engineering

David Eugene Brown, Columbus

Bachelor of Science in Chemical Engineering

Steven Dwayne Alley, Columbus
 Roy Wesley Anderson, Milan
 Kathleen Ann Applegate, Grosse Pointe, Mich.
 Karen Lucile Christensen, Bellbrook
 Debra Wren Denio, Enon
 Kenneth N. Dike, Hamilton
 Mark James Dusenberry, Dover
 Jeffrey Alan Hegedus, Columbus
 Elizabeth Ann Knecht, Washington C. H.
 Anthony Mazzola, Parma
 James Joseph McNeely, Mayfield Heights

Brian James Michael, Lebanon
 Theodore Ezra Riffe, Toronto
 Richard Paul Schmidt, Jr., Bellevue
 Ronald James Stapleton, Westerville
 Peter David Wilkens, Toledo
 Steve Alan Witters, Greenville

Bachelor of Science in Civil Engineering

Kamal Khalid Abu-Ghazaleh, Nablus, Jordan
 Fady F. Fawaz, Beirut, Lebanon
 Larry Ivory, Cleveland
 Kamil Elias Kaloush, Beirut, Lebanon
 Ali Hassan Karaki, Zahle, Lebanon
 Raed Kuzbari, Damascus, Syria
 David Hassan Nourachi, Baghdad, Iraq
 Olomero Omokonta, Abavo, Agbor, Nigeria
 Ali Youssef Tobah, Cairo, Egypt

Bachelor of Science in Computer and Information Science

Paul Alan Irwin, Marysville
 James David Matheke, Columbus
 Gustavo Adolfo Villar, Lima, Peru
 Mark Chalmers Wilson, Columbus

Electrical Engineer

Jatin Chandubhai Rawal, Columbus

Bachelor of Science in Electrical Engineering

Mark Allen Alt, Miller City
 John Henry Bucher, Bethel Park, Pa.
 David Allan Cardellini, Orange Village
 John David Chovan, North Olmsted
 Daniel Joseph Cox, Worthington
 Michael James Dunn, Trumbull, Conn.
 Abdalla Ibrahim Elusta, Kikla, Libya
 Lisa Fakheri, Shiraz, Iran
 John E. Flynn, Westerville
 Glen Paul Gerhard, Columbus
 James Michael Gregg, Columbus
 Meenakshi Gupta, India
 Mazhar Habibi, Tehran, Iran
 Robert Alan Hale, Lambertville, Mich.
 Phillip Chien-Cheng Kao, Lakewood
 Iewan Li, Centerville
 John Liddle, Bridgeport
 Michael Joseph Lynch, Columbus
 Omar Ahmed Madi, Tripoli, Libya
 Terry Levon Malone, Cleveland
 Matthew Alfred Peshel, Wintersville
 Michael Edward Pietrzak, Philadelphia, Pa.
 Gregory James Power, Columbus
 Richard Alan Rose, Columbus
 David Steven Rosinger, Columbus
 Mohammad Reza Saifzadeh, Tehran, Iran
 Obed Scott Sands, Columbus
 Mark Paul Suttner, Columbus
 Craig Steven Ward, Columbus
 Pamela Christine Wolfe, Columbus
 Steven John Yelton, Mt. Healthy
 Christopher David Young, Painesville

Bachelor of Science in Engineering Physics

Keith Richard Aberegg, Alliance

Industrial Engineer

Yean-Jinn Scott Liou, Columbus

Bachelor of Science in Industrial and Systems Engineering

Norman Dale Burrows, Jr., Portsmouth
 J. Andrew Drake, Upper Arlington
 Mark Fedorko, Colorado Springs, Colo.
 Thomas C. Hughes, Beavercreek
 Joseph Thomas Klett, Cincinnati
 William Joseph Mattingly, Tallmadge
 Martha Kay Raymond, Bay Village
 Thomas Hugh Rockwell, Jr., Columbus

Bachelor of Science in Mechanical Engineering

Harold Eugene Addy, Jr., Tappan Lake
 Omar Ahmed Ayash, Sanaa, Yemen
 Benjamin Land Elliott, Chillicothe
 Donald Mark Gage, Otego, N. Y.
 Edward Clark Hiltner, Jr., Coshocton
 Thomas Joseph Karabinos, Upper Arlington
 Gerald Michael Lepley, Bellevue
 Jeffrey Scott Loeb, Cincinnati
 Jonathan Todd Loeb, Cincinnati
 Joya Matheus, Ashland
 Mark James Nelson, Warren
 Paul David Norris, Cincinnati
 Wayne Ross Oaks, Westerville
 Brian Harold Ogle, Columbus
 Sunil Kanti Patel, St. Clairsville
 George Michael Phillips, Bedford
 Kenneth James Rowan, Parma
 Chandradeo Sawh, Berbice, Guyana
 Daniel Joseph Smith, Tiffin
 William Edward Turner, Gahanna
 Mark Thomas Winters, Terre Haute, Ind.
 Lindsay Mason Wood, III, Uniontown
 David Allen Zimmerman, Sacramento, Calif.

Bachelor of Science in Metallurgical Engineering

Jeffrey O. Berteas, Ashtabula
 Anthony Eugene Dillard, Columbus
 Russell Bart Gallagher, Mentor
 James P. Simpkin, Harriman, Tenn.
 James Randall Valentine, North Canton

Bachelor of Science in Mining Engineering

Charles Russell Ortman, Chillicothe
 James Dale Wampler, Kettering

Bachelor of Science in Welding Engineering

Linda Michelle Kiener, Dublin
 Brian Allan Rhoads, Troy

School of Architecture

Bachelor of Science in Architecture

Navy Francis Banvard, III, Highland, Ind.
Ghassan Chibli, Damascus, Syria
Mark Wayne Daniels, Columbus
Marc Louis DiSilvestro, Darien, Conn.
Robert Keith Gibson, Fairborn
Randall Lee Holberg, Marlton, N. J.
Terry Wayne Jenkins, Fairborn
Charles Brian Nuzum, Columbus
Peter Eric Siegal, Wilmette, Ill.
James Scott Weaver, Columbus

College of Medicine

Dean: Manuel Tzougournis, M.D.

Doctor of Medicine

Frank Yong Choo An, Akron
B.S. (The College of Wooster)

Girraj Kishore Bansal, Agra, India
B.Tech. (Indian Institute of Technology);
M.S., Ph.D. (Case Western Reserve
University)

Thomas Hugh Baughman, Columbus
B.S., J.D. (Case Western Reserve
University)

Juliana H. J. Brooks, Dayton
B.S.

Bess Marie Burk, Cleveland
B.S.

David A. Cooley, Lima
B.S.

Emily L. Daykin, Shaker Heights
B.S. (Syracuse University)

Douglas Dale Fosseiman, Columbus
B.S.

Gregory Mark Gottschlich, Dayton
B.S.

Curtis Lee Janeczek, Madison

Eric Lee Kahn, Canton
B.S. (Bowling Green State University)

Christy Ann Lorton, Fairborn
B.S. (Wright State University)

Thomas Anthony Roesch, Columbus
B.S.

Steven Richard Schneir, Akron
B.A. (Miami University)

Gregory Walter Siewny, Middletown
B.S.

Christopher John Sutton, Toledo
B.S.

Mark Hunter Thomas, Dayton
B.S. (Howard University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Susan Ella Carnes, Leetonia
Brenda Cooper Highley, Portsmouth
Leonard John Hohlbein, Delphos
Piper Lynn Jackson, Warrensville Heights
Luwellyn Pyles, Enon
Susan VanOss Richison, Beaver Creek
Mary Kathryn Rowley, Auburn, N. Y.
Susan Hope Elliott Schmidt, Columbus
Erica Robin Schwan, Chesterfield, Mo.
Michael Christopher Studer, Hubbard
Lynn Alexander Wynne, Columbus

Certificate of Post Baccalaureate Medical Illustrator

Rebekah Ann Dodson, Massillon
B.F.A.

Certificate of Nurse Anesthetist

Linda Flood Forsythe, Columbus
B.S. Nursing (Capital University)

Lorraine M. Dankowski Jordan, Galion
B.S. Nursing

Julie May Mann, Lawrenceburg, Ind.
B.S. Nursing (Ball State University)

Jerome Doyle Querns, Zanesville
B.S. (University of California);
A.D. Nursing (Ohio University)

Ronald Thomas Sanzone, Cincinnati
B.S. Nursing (University of Cincinnati)

Richard Frazier Totten, Lancaster
B.S.; A.D. Nursing (Central Ohio
Technical College)

Marcia A. Yanik-Karnes, Columbus
B.S. Nursing (Bowling Green State
University)

School of Nursing

Bachelor of Science in Nursing

Julie Weber Beall, Springboro
Denise Ruth Beatty, West Chester
Laurie Pauline Starr Beeson,
Annandale, Va.

Cynthia Emily Blumenstein, Strongsville

Barbara Irene Cardwell, Uniontown

Susan Viola Carle, Kingsville

Colby Lynn Cook, Bryan

Tammy Jo Cooksey, Hubbard

Mary Patrice Cuppett, Barberton

Barbara Jane Dill, Worthington

Christina Madonna Guy, Millfield

Tracy Ann Henson, Columbus

Kimberly Ann Jackson, Alliance

Catherine Ann Kernich, Ashtabula

Kathy Leora Keseler, Radnor

Laurel Ann Kovach, Westerville

Debra Jean Kuivinen, Fairview Park

Tina Marie Kuklica, Euclid

Joanne Antoinette Leuser, Elyria

Lisa Joan McGranaghan, Nashville, Tenn.

Amy Jo McLaughlin, Wooster
Beverly Jeanne Munde, Beaver Creek
Margaret Louise Mueller, Kettering
Kimberly Ann Newsome, Youngstown
Jennifer Marie Phillips, Toronto
Carol Lyn Russell, Logan
Leslie Sue Stephens, Niles
Rosalyn Lynette Unterzuber, Yorkville
Karen Sue Wendel, Celina

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Wendy Lynn Alli, Warren
Charles Thomas Congemi, Jr., Youngstown
B.S. (Youngstown State University)
Anita Lyne Dennenwitz, Reynoldsburg
Kim Barbara Dolan, Powell
Zsolt Laszlo Hatvani, Middleburg Heights
B.S. (Cleveland State University)
Jeffrey Daniel Klopp, Tiffin
Nancy Lynn Little, Columbus
Margaret Gayle Senn, Findlay
Ernest Scott Sparks, London

College of Social Work

Dean: Robert O. Washington

Bachelor of Science in Social Welfare

Kimberly Michelle Burke,
University Heights
Viora Beth Carlin, Columbus
Laurie Rose Friedman, Pepper Pike
Stacy Scott Greene, East Brunswick, Fla.
Barbara Lee Grove, Clearwater, Fla.
Christina Kreber, Columbus
David Alan Pliner, Pepper Pike
Susan Carol Schrader, Montgomery
Michael David Shepherd, Columbus
Cynthia Yvonne Shoaf, Chillicothe
Julie Marlene Silver, Cleveland
Cheryl Renee Stein, Akron
Mary Elizabeth Stock, Columbus
Janis Sue Zoldan, Canton

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Agricultural Economics
Price Clarence Kellar, III

With Distinction in Agricultural Education
Phillip Andrew Neff

With Distinction in Civil Engineering
Ali Youssef Tobah

With Distinction in Environmental Communications
Martha Ann Schmidt

With Distinction in Forest Industries Management
Gregg Spencer Netzey

With Honors in the Liberal Arts
Lisa Jo Goetz
Jody Steven Kraus
William P. Love
Ellen Scott Rue
Debra Lynn Sage

Cum Laude

Douglas Abbott
Darlene Sue Adkins
Scott Allen Allman
Lynn Marie Basel
Debbie Biederman
Thomas Lee Brown
Jane Marie Burk
Karen Louise Cherico
Karen Lucile Christensen
Christopher Alan DiSanto
William Stuart Dowdy
Lori Rose Freidman
Nancy Ellen Garner
Zsolt Laszlo Hatvani
Jane Marie Hemker
Tracy Ann Henson
Keiko Hirokawa
Iewan Li
Michael Joseph Lynch
Douglas Edward Macklin
Joya Matheus
Jacqueline Ann O'Keefe
Mary Katherine Oswald
Peter Eric Siegal
Bradley Keith Sinnott
Robert Stanley Sipp
Donna Jean Smith
Christopher John Sutton
William Dale Waidelick
James Scott Weaver
Colleen Ellen Wherthey
Donna Marie Wiley
Cheryl Lynn Williams
Mark Thomas Winters
Diane Kay Yanice
Marian Catherine Young
Charlene Ann Zagarinsky
Anne Marie Zirblis

Cum Laude with Distinction in Agricultural Education/Agricultural Economics
Richard Todd Ricketts

Cum Laude with Distinction in Home Management and Housing
Eva Marie Williamson

Cum Laude with Distinction in Wildlife Management
Donna Ann Dewhurst

Cum Laude with Distinction in Zoology and with Honors in the Liberal Arts
Michael Joseph Rubels

Cum Laude with Honors in the Liberal Arts

Marta Angeline Haban
Hania Nashef
Charles Philip Hehmeyer

Summa Cum Laude

Inge-Lise Christensen
James Russell Clark
Diane Lynn Cooper
Mark Jay Davies
Candace Winston Harker
Marsha Oliver Hayden
Catherine Ann Kernich
Jon Michael McIntosh
Abdisalam Haji Hussein Omar
Gerald Michael Lepley
Jeffrey Scott Loeb
Jonathon Todd Loeb
Wayne Ross Okes
Jane Reavill Ransom
John Clyde Rickel
Rebecca Reed Suran

Summa Cum Laude with Distinction in Accounting
John Allen Seifrick

Summa Cum Laude with Distinction in Classics and with Honors in the Liberal Arts
Elizabeth Anne Rader

Summa Cum Laude with Distinction in English and with Honors in the Liberal Arts
Lee Ann Tobin

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 3, 1982

The Board of Trustees met at its regular monthly meeting on Friday, September 3, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

September 3, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, Edmund C. Redman, Leonard J. Immke, and Shirley D. Bowser.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

DISTINGUISHED SERVICE AWARDS

Resolution No. 83-19

Synopsis: Recommendation for four individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended four individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Donald P. Cottrell
Sydney Nettleton Fisher
William E. MacDonald
Everett C. Shimp

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-20

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School; Reappointment of Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leaves--Change of Dates; Professional Improvement Leave--Cancellation; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the July 9, 1982 meeting of the Board, including the following Appointments; Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School; Reappointment of Director of School; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leaves--Change of Dates; Professional Improvement Leave--Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: JULES B. LAPIDUS
Title: Dean
School: Graduate
Effective: October 1, 1982
Salary: N/A
Present Position: Vice Provost for Research and Dean of the Graduate School

Name: HOWARD P. FINK
Title: Professor (The Joseph S. Platt-Porter, Wright, Morris
& Arthur Professorship in Law)
College: Law
Effective: October 1, 1982
Salary: \$62,640.00
Present Position: Professor, College of Law, The Ohio State University

Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School

October 1, 1982 through June 30, 1986

Chemistry

Heinz Floss

July 1, 1982 through June 30, 1985

Pharmaceutics and Pharmaceutical Chemistry

Robert E. Notari

September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments of New Chairmen of Departments, Divisions, Academic Faculty, and Director of School (contd)

September 1, 1982 through June 30, 1983

Human Nutrition and Food Management
Industrial Design

*Loren V. Geistfeld
*Joseph Koncelik

October 1, 1982 through June 30, 1983

Accounting
Mining Engineering

*Felix P. Kollaritsch
Calvin J. Konya

July 1, 1982 through June 30, 1983

Home Economics

**Lena Bailey

Reappointment of Director of School

October 1, 1982 through June 30, 1986

Public Administration

Clinton V. Oster

* Acting Chairman

** Acting Director

Leaves of Absence Without Salary

RICHARD BJORNSON, Professor, Department of Romance Languages and Literatures, effective October 1, 1982 through March 31, 1983, to accept a fellowship at the National Humanities Center, Research Triangle Park, North Carolina.

KATHEL AUSTIN KERR, Associate Professor, Department of History, effective January 1, 1983 through March 31, 1983, to accept a Fulbright Award at the University of Hamburg.

JAMES E. SCHULTZ, Associate Professor, Department of Mathematics, effective April 1, 1983 through June 30, 1983, to accept a visiting appointment at Oregon State University.

LESLIE W. TANNENBAUM, Associate Professor, Department of English, effective October 1, 1982 through March 31, 1983, to accept a Guggenheim Fellowship.

FRANKLIN C. CROW, Assistant Professor, Department of Computer and Information Science, effective October 1, 1982 through June 30, 1983, to participate in a research project at Xerox Palo Alto Research Center.

September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

PRABUDDHA DE, Assistant Professor, Academic Faculty of Accounting, effective October 1, 1983 through June 30, 1984, to accept a visiting associate professor position at Cornell University.

ANDRES DEL JUNCO, Assistant Professor, Department of Mathematics, effective January 1, 1983 through December 31, 1983, to accept a visiting research position at the Free University of Amsterdam.

INGVAR E. SODAL, Assistant Professor, Department of Anesthesiology, effective October 1, 1982 through June 30, 1983, to broaden his knowledge and expertise in the field of bioengineering.

MICHAEL M. SZPORER, Assistant Professor, Department of English (Mansfield Campus), effective April 1, 1983 through June 30, 1983, to accept an ACLS Research Fellowship.

Professional Improvement Leave

LARRY P. RITZMAN, Professor, Academic Faculty of Management Sciences, effective Winter Quarter 1983 and Spring Quarter 1983.

Professional Improvement Leaves--Change of Dates

EUGENE R. CAPRIOTTI, Professor, Department of Astronomy, change professional improvement leave from Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983 to Winter Quarter 1983 and Spring Quarter 1983.

A. PETER COSTANZA, Professor, School of Music, change professional improvement leave from Winter Quarter 1982 to Winter Quarter 1983.

DAVID J. LIM, Professor, Department of Otolaryngology, change professional improvement leave from Summer Quarter 1982 and Autumn Quarter 1982 to July 8, 1982 through January 7, 1983.

Professional Improvement Leave--Cancellation

RONALD C. ROSBOTTOM, Professor, Department of Romance Languages and Literatures, cancel professional improvement leave for Autumn Quarter 1983 and Winter Quarter 1984.

Emeritus Titles

JAMES W. BAUGHMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1982.

September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

BRUCE L. BENNETT, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective September 1, 1982.

JAMES K. DUNCAN, Academic Faculty of Educational Foundations and Research, with the title Professor Emeritus, effective August 1, 1982.

WILLIAM J. HOLLOWAY, Academic Faculty of Special Services, with the title Professor Emeritus, effective July 1, 1982.

RACHEL M. HUBBARD, Department of Human Nutrition and Food Management, with the title Professor Emeritus, effective August 1, 1982.

ARTHUR G. JAMES, Department of Surgery, with the title Professor Emeritus, effective July 1, 1982.

MARTHA LOUISE KING, Academic Faculty of Early and Middle Childhood Education, with the title Professor Emeritus, effective September 1, 1982.

WILLIS E. RAY, Academic Faculty of Industrial Technology, with the title Professor Emeritus, effective September 1, 1982.

STANLEY W. SMITH, Department of Zoology, with the title Professor Emeritus, effective August 1, 1982.

WILLIAM E. STAUB, Academic Faculty of Educational Administration, with the title Professor Emeritus, effective September 1, 1982.

GLOVER B. TRIPLETT, JR., Department of Agronomy, with the title Professor Emeritus, effective August 1, 1982.

MARY M. YOST, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective July 1, 1982.

EMERSON R. HATCHER, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1982.

RICHARD W. ZOLLINGER, Department of Surgery, with the title Clinical Professor Emeritus, effective July 1, 1982.

WENDELL P. SCOTT, Department of Obstetrics and Gynecology, with the title Clinical Associate Professor Emeritus, effective July 1, 1982.

HELEN L. SCHNEIDER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective September 1, 1982.

September 3, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

JEAN R. SEWELL, University Libraries (Lima Campus), with the title Assistant Professor Emeritus, effective July 1, 1982.

HAZEL W. BROWN, Academic Faculty of Special Services, with the title Instructor Emeritus, effective July 1, 1982.

JAMES ALLEN PROVOST, Academic Faculty of Vocational-Technical Education, with the title Instructor Emeritus, effective July 1, 1982.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-21

Synopsis: Resolutions honoring the service of nine of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

William James Blackburn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 24, 1982, of William James Blackburn, Associate Professor Emeritus in the College of Social Work.

Dr. Blackburn was born October 18, 1891, in Salem, Ohio. He received his Bachelor of Science in Social Administration degree in 1920, his Master of Arts degree in 1923, and his Doctor of Philosophy degree in 1934, all from The Ohio State University. In addition, he studied at the University of London, England, University of Leiden, Holland, and the University of Chicago.

Dr. Blackburn joined The Ohio State University faculty in the School of Social Administration as an Instructor in 1931. He was promoted to Assistant Professor in 1936 and then to Associate Professor in 1944. He retired in 1957.

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William James Blackburn (contd)

Dr. Blackburn was a most able member of the faculty of the School of Social Work for many years. He learned from a great variety of social service experiences in settlement neighborhoods of Columbus and Chicago and through extensive travel elsewhere in the United States and most of Western Europe. He knew well the many problems of the Italians, Blacks, Appalachians, or other new migrants struggling for a start in the urban ghetto.

Dr. Blackburn held membership in the National Association of Social Workers, National Conference of Social Welfare, American Association of University Professors, and National Probation Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lauren F. Brush

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 23, 1982, of Lauren F. Brush, Associate Professor Emeritus in the Academic Faculty of Accounting.

Professor Brush was born in Wisconsin, in November, 1904. Prior to coming to Ohio State, he was on the faculty at the University of Wisconsin, Syracuse University, and Louisiana State University. A CPA with two degrees earned at the University of Wisconsin, he taught the required undergraduate course in management accounting for many years. His professional area of interest was cost accounting. He was an Assistant Professor at Ohio State from 1954 until 1957 when he was promoted to the rank of Associate Professor.

Professor Brush held active memberships in the American Accounting Association and the National Association of Accountants. He had several publications and book reviews in *The Accounting Review*. From 1958 to 1966, he was the faculty member chiefly responsible for administering the Accounting Hall of Fame.

Professor Brush retired June, 1975, with 20 years of devoted and loyal service.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Russell R. Clymer

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 3, 1982, of Russell R. Clymer, Instructor Emeritus in the Cooperative Extension Service.

Mr. Clymer was born April 24, 1893, near Swanton, Ohio. He received his Bachelor of Science degree from The Ohio State University in 1921. He taught vocational agriculture and was assistant superintendent of schools before coming to the Cooperative Extension Service in 1928. Mr. Clymer was the County Agricultural Agent in Defiance County from 1928 until his retirement on December 31, 1957.

Mr. Clymer will long be remembered for his work in founding Camp Palmer in 1946. He also founded the Defiance-Henry Jersey Bull Association, the first bull association in north-west Ohio. He was very active in organizing and promoting various agronomy groups. Mr. Clymer received many awards for his outstanding dedication and service to the agricultural field.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Clymer its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Mary Jayne Dovenbarger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 14, 1982, of Mary Jayne Dovenbarger, Assistant Professor Emeritus in the Cooperative Extension Service.

Mrs. Dovenbarger was born July 22, 1915, in Columbus, Ohio. She graduated from North High School. She received her bachelor of science degree in home economics education from The Ohio State University in 1940. She served as home economics agent in Ashland County from 1942 to 1947 and again from 1972 until her retirement on May 31, 1982. Other steps in her career included home economics teacher in Butler County, state extension clothing specialist during the summer of 1947, demonstrator for the Ohio Edison Company, teacher at Ashland High School and teacher at Ashland College.

Mrs. Dovenbarger was described as an outstanding leader in Ashland County who involved the community in whatever projects that were designated to meet the needs and interests of the community.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Dovenbarger its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert H. Downes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 20, 1982, of Dr. Robert H. Downes, Associate Professor in the College of Dentistry.

Dr. Downes received his D.D.S. degree from West Virginia University College of Dentistry in 1961.

Dr. Downes was a member of the faculty of the College of Dentistry from January 1966 to the present time. He was in private practice from 1961-69.

Dr. Downes was a member of the American Dental Association, Ohio Dental Association, Columbus Dental Society and the American Association of Dental Research. He was also a member of Omicron Kappa Upsilon Dental Honorary Fraternity.

He was engaged in numerous research projects dealing with ceramic implants of teeth in conjunction with the United States Army and Battelle Memorial Institute.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Leo A. Estel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 15, 1981, of Leo A. Estel, Professor Emeritus in the Department of Anthropology.

Dr. Leo Estel entered the field of anthropology rather late in life after an extensive career in the Merchant Marine. His undergraduate and graduate studies were taken at the University of California, Berkeley, where he received his Doctor of Philosophy degree in anthropology in 1950.

Dr. Estel joined The Ohio State University faculty in the Department of Sociology and Anthropology in 1950. From that time until his retirement twenty years later, Dr. Estel continued to pursue his professional interests in physical anthropology, human variability, and the peasant cultures of the Windward Islands of the Caribbean, where he conducted research on five separate occasions. Articles reporting his research findings appeared in the *American Journal of Physical Anthropology* and other professional publications. He was also an active member of the scholarly associations, Phi Beta Kappa and Sigma Xi, and a fellow of the American Anthropological Association.

Perhaps Dr. Estel's greatest contribution to the University was in the area of teaching. Throughout his career he taught both graduate and undergraduate courses and showed great concern for all of his students. The outstanding quality of his teaching was acknowledged by

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Leo A. Estel (contd)

the University's Distinguished Teaching Award and by the frequent praise from Ohio State University alumni who recalled his classes with great fondness. When Woody Hayes returned from visiting former OSU students serving in Viet Nam, he wrote to Dr. Estel to tell him that many of these young men had singled him out as their most outstanding teacher.

Dr. Estel's work was a credit to the University. He will be greatly missed and fondly remembered for his professional contributions to the field of anthropology, his constant support for his colleagues, and his unflagging devotion and dedication to his students.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Lawrence C. Holtkamp

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 14, 1982, of Lawrence C. Holtkamp, Instructor Emeritus in the Cooperative Extension Service.

Mr. Holtkamp was born February 6, 1909, in New Knoxville, Ohio. He received his Bachelor of Science degree from The Ohio State University in 1932. He taught vocational agriculture at Green Springs, Ohio, and West Unity, Ohio, from 1932 to 1935. He came to work for the Cooperative Extension Service in December of 1938 as Acting County Agricultural Agent in Henry County. In 1939, he was Assistant County Agricultural Agent in Hancock County and later moved to Champaign and Mercer Counties. Mr. Holtkamp served as County Agricultural Agent in Putnam County from 1940 to 1945; he then moved to Van Wert County as the County Agricultural Agent where he served until his retirement in 1969.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Holtkamp its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Eunice T. Kochheiser

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 9, 1982, of Eunice T. Kochheiser, Professor Emeritus in the Cooperative Extension Service.

Eunice Teal Kochheiser was born March 27, 1896, in McCordsville, Indiana. Her long career in education started at the age of 20 when she began teaching in a primary school in her

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Eunice T. Kochheiser (contd)

home town of McCordsville, Indiana. During the next eight years, she completed her bachelor's degree at Purdue University and taught at three other locations including Cleveland and Indianapolis before going to Montgomery County in 1924 as the home demonstration agent.

She contributed greatly to the development of the Ohio Cooperative Extension Service and its home economics programs: serving six years as an agent, two years as home economics specialist, 17 years as assistant state home demonstration leader, and then three years as supervisor. Her dedication, service and leadership won her several honors and awards including a farm foundation scholarship which she used to obtain her master of education degree at Cornell in 1948.

On behalf of the University community, the Board of Trustees expresses to the family of Mrs. Kochheiser its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees.

John H. Sitterley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 11, 1982, of John Haas Sitterley, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Sitterley was born in Canal Winchester, Ohio, in 1905. His deep roots in Fairfield County agriculture provided strong support for a productive life. His pride and ambition for the development of Sitterley Farms was an important concern. This farming foundation provided him the ability to better understand many events and enabled him to relate economic, political and social change to the well-being of all people.

Eight grades of formal education were provided in a one-room school located near the home farmstead. Four years of secondary education at Lithopolis via a Model T Ford provided the foundation for enrolling at The Ohio State University. He earned a Bachelor of Science in Agriculture degree in 1928 and in that year joined the staff of the Department of Rural Economics. He received a Master of Science degree from OSU in 1932 and in 1936, became an Assistant Professor. In 1944, he received the Doctor of Philosophy degree and was promoted to Associate Professor in the Department of Rural Economics and Rural Sociology. In 1947, Dr. Sitterley became a full Professor.

For approximately fifteen years thereafter, Dr. Sitterley guided the teaching and research program in farm management and land economics. By his own efforts as a teacher and researcher and by the example he set, John Sitterley was the leader of farm management and land economics in Ohio. During this period, he served as Chairman of the North Central Region Farm Management Committee, represented the Experiment Station and the University on the State Conservation Needs Committee and for 12 years served as Secretary-Treasurer of the Ohio Society of Farm Managers and Rural Appraisers. In the Spring of

September 3, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

John H. Sitterley (contd)

1958, Dr. Sitterley was voted by students as one of the top ten professors at The Ohio State University. In 1960, he received the OSU Alumni Award for Distinguished Teaching.

In 1964, John and his wife moved to Piracicaba, Brazil, to accept one of the most challenging and difficult assignments this University has offered. The task was to develop a relationship--to lay a foundation for building a program of educational assistance between OSU and ESALQ. Dr. Sitterley was first Chief of Party and served in that capacity for four years.

John was respected by those persons close to him, especially his department peers. As often stated by one colleague, John H. Sitterley was both a "gentleman and a scholar." John evolved from rural America and developed the sophistication and grace to relate with comfort to all people. Not only did he enjoy a long and productive tenure of 47 years at OSU, his interest and ability to challenge and evaluate each new event was appreciated by and benefitted all. His concern for equity, truth and the well-being of people enabled Dr. Sitterley to be a most respected teacher, advisor and colleague.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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ENROLLMENT

President Jennings:

During the Educational Affairs Committee, Mr. Chairman, we did have a very interesting report on our enrollment prospects. And judging from a comment I just heard from a reporter, I think it is worth reemphasizing that our enrollment projections are within plan; we are not expecting major declines in enrollment; we're expecting to be within the enrollment ceilings established by the General Assembly.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-22

Synopsis: The reports on contracts, grants, and gifts and the summaries for June and July are presented for Board acceptance.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through the Office of Business and Finance of the University, The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreements between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Office of Business and Finance, the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the months of June and July 1982, be approved.

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR JUNE 1982

Source	No. of Projects	Support Level
Office of Business and Finance	7	\$ 2,686,096.86
The Ohio State University Research Foundation	144	9,301,499.82
Engineering Experiment Station	16	235,677.00
		\$12,223,273.68

The Ohio State University Development Fund

Establishment of Named Funds

The James N. George Fund (Dr. James N. George and/or College of Medicine)	\$ 401,858.34
The Mildred S. and Noel F. George Fund (Library - College of Law)	\$ 100,000.00

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JUNE 1982 (contd)

The Ohio State University Development Fund (contd)

Change in Description of Named Fund

The William Ray Flesher Professorship in
Educational Administration Fund

Report from Presidents Club

Members to date	4,549
1982 members: year to date	75
New members - June 1982	12

New Presidents Club Members - June 1982

Cecilia S. Cullman (Mrs. W. Arthur)	Gail Klevay (Mrs. Walter J.)
Tom W. Davis	James M. Palermo
John E. du Pont	Harry G. Pars
David C. Fontana	Roy A. Stambaugh
Robert J. Gaston	Patti D. Tewell
W. James Harper	Lamar G. Williams

SUMMARY FOR JULY 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	79	\$5,532,926.68
Engineering Experiment Station	58	472,247.00
Ohio Agricultural Research and Development Center	9	125,100.00
		\$6,130,273.68

The Ohio State University Development Fund

Establishment of Named Funds

The James W. Overstreet Chair in Cardiology Fund (College of Medicine)	\$ 398,324.13
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September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JULY 1982 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture (Department of Slavic and East European Languages and Literatures)	\$ 25,000.00
The John Scott and Della Errington Memorial Scholarship Fund (College of Agriculture and Home Economics)	\$ 24,000.00
The Alga D. "Peg" Weaver Honor Scholarship in Home Economics (School of Home Economics)	\$ 5,200.00
The Stanley W. Joehlin Award in Agricultural Engineering (Department of Agricultural Engineering)	\$ 5,000.00

Report from Presidents Club

Members to date	4,552
1982 members: year to date	87
New members - July 1982	12

New Presidents Club Members - July 1982

Fernando G. Cosio	James M. Ryan
Wayne W. Hayes	Grant E. Schmidt
Thomas H. Hisrich	Norma L. Singer
Charles W. Krallman	George L. Smith, Jr.
Joseph F. Plouffe	Matt R. Williams
Edward J. Potter, III	David S. Yohn

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1982 through June 30, 1982

OFFICE OF BUSINESS AND FINANCE

Source	No. of Projects	Support Level
STATE OF OHIO	7	\$2,686,096.86

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1982 through June 30, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Support Level
FEDERAL		
National Aeronautics and Space Administration	10	\$ 493,687.00
National Science Foundation	42	2,226,077.00
Department of Defense	18	781,436.00
Department of Energy	8	904,514.00
Department of Education	19	1,569,008.00
Department of Health and Human Services	50	5,017,065.00
Other Federal	16	2,313,073.88
TOTAL - FEDERAL	163	\$13,304,860.88
STATE OF OHIO	16	\$ 456,590.00
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	106	\$ 4,284,411.26
GRAND TOTAL	285	\$18,045,862.14

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FOURTH QUARTER SUMMARY

April 1, 1982 through June 30, 1982

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Support Level
INDUSTRIAL AND OTHER	93	\$856,734 .00

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND FINANCE

State of Ohio Research Contracts/Grants

\$1,053,083.92 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Trade and Industrial Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

\$512,003.70 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Agriculture, Department of Agricultural Education, July 1, 1982 through June 30, 1983.

\$321,186.32 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Research, Survey, Evaluation and Exemplary Programs, Department of Agricultural Education, July 1, 1982 through June 30, 1983.

\$311,120.23 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Distributive Education Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

\$273,946.12 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Teacher Education and Special Services in Vocational Home Economics, School of Home Economics, July 1, 1982 through June 30, 1983.

\$109,186.34 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Vocational Guidance and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

\$105,570.23 - State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, Business and Office Teacher Education and Support Services, Academic Faculty of Vocational-Technical Education, July 1, 1982 through June 30, 1983.

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$2,686,096.86**

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - June 1982

Federal Research Contracts/Grants

\$1,575,027.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Cancer Research Center (D. S. Yohn), 1 July 1982 through 30 June 1983. (Project 763976 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$380,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, Noel R. Stanton, T. Y. Ling, and H. P. Kagan), 17 June 1982 through 31 January 1983. (Project 762116 - Continuation)

\$257,807.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Transmural Transport in Blood Vessels, Department of Pathology (D. L. Fry), 1 July 1982 through 30 June 1983. (Project 763184 - New)

\$240,000.00 - National Science Foundation, Washington, D. C., Establishment of a Center for Welding Research, Department of Welding Engineering (R. B. McCauley), 1 July 1982 through 30 June 1983. (Project 762389 - Continuation)

\$202,740.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regional Resource Center for Agencies Providing Educational Services for Handicapped Children in Ohio, Indiana, and Illinois, Academic Faculty for Exceptional Children (T. M. Stephens), 1 June 1982 through 31 May 1983. (Project 762383 - Continuation)

\$186,642.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Engineering Calculations for Communications Satellite Systems Planning, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis) and Department of Industrial and Systems Engineering (C. H. Martin), 14 July 1982 through 13 July 1984. (Project 762552 - Continuation)

\$159,600.00 - Department of Education, Office of Higher and Continuing Education, Washington, D. C., An Award for Fellowships for 1982-83 Under the Graduate and Professional Opportunities Program, Title IX (Part B) of the Higher Education Act of 1965, as Amended, Graduate School - Administration and College of Education - Administration (A. S. Pruitt), 1 September 1982 through 31 August 1983. (Project 763113 - New)

\$152,239.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 July 1982 through 30 June 1983. (Project 761160 - Continuation)

\$150,000.00 - Department of the Interior, Bureau of Mines, Washington, D. C., Mining and Mineral Resources Research Institute Annual Allotment Program, Division of Mining Engineering (C. J. Konya), 1 July 1982 through 30 June 1983. (Project 763149 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$149,998.00 - Department of Energy, Laramie Energy Technology Center, Laramie, Wyoming, Coupled Thermo-Mechanical and Poro-Mechanical Response Evaluations Associated with Underground Coal Conversion, Department of Engineering Mechanics (S. H. Advani and J. K. Lee), 16 June 1982 through 15 June 1985. (Project 763138 - Continuation)

\$126,143.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, A Model of Parainfectious Demyelinating Encephalitis, Department of Veterinary Pathobiology (G. S. Krakowka), 1 July 1982 through 30 June 1983. (Project 762797 - Continuation)

\$114,534.00 - Environmental Protection Agency, Washington, D. C., DNA Damage in Human Lymphocytes as Indicators of Carcinogen Exposure, Departments of Radiology and Pharmacology (S. M. D'Ambrosio) and Department of Medicine (R. L. Whisler), 1 May 1982 through 30 April 1983. (Project 762158 - Continuation)

\$113,917.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study of the Clinical Pharmacokinetics of Anticancer Drugs, College of Pharmacy (L. Malspeis), 1 May 1982 through 30 April 1983. (Project 761128 - Continuation)

\$110,000.00 - National Science Foundation, Washington, D. C., Synthesis and Isomerization Reactions of Novel Alicyclic Molecules, Department of Chemistry (L. A. Paquette), 1 September 1982 through 31 August 1983. (Project 761850 - Continuation)

\$109,855.00 - Department of Education, Division of Program Development, Dissemination and Desegregation Affairs, Washington, D. C., Continuation Application for Bilingual Teacher Education Project, Marion Campus and Academic Faculty of Early and Middle Childhood Education (V. G. Allen), 1 September 1982 through 31 August 1983. (Project 762401 - Continuation)

\$105,900.00 - National Science Foundation, Washington, D. C., Hot Corrosion of Metals and Alloys by Fused Salts, Department of Metallurgical Engineering (R. A. Rapp), 1 August 1982 through 31 July 1983. (Project 763189 - Continuation)

\$105,000.00 - National Science Foundation, Washington, D. C., Effects of Temporal Context upon Attention/Perception, Department of Psychology (M. R. Jones), 15 July 1982 through 30 June 1984. (Project 763191 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$99,997.00 - Department of the Air Force, Air Force Office of Scientific Research (AFSC), Bolling Air Force Base, D. C., Distributed Knowledge Base Systems for Diagnosis and Information Retrieval, Department of Computer and Information Science (R. Chandrasekaran), 30 June 1982 through 29 June 1983. (Project 763180 - Continuation)

\$99,991.00 - Department of the Navy, Naval Air Station, Point Mugu, California, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 15 June 1982 through 14 June 1983. (Project 763148 - New)

\$99,973.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Application of Optical Computing Techniques to Jet Engine Control, Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 August 1982 through 30 July 1983. (Project 761795 - Continuation)

\$95,767.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prostaglandin Control of Macrophage Antitumor Activity, Department of Microbiology and Cancer Research Center (B. S. Zwilling) and Department of Pharmacology (B. D. Andresen and R. Fertel), 1 July 1982 through 31 May 1983. (Project 763192 - New)

\$83,151.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Science, Research Triangle Park, North Carolina, Trihalomethanes in Water: An Epidemiologic Model, Department of Preventive Medicine (J. R. Wilkins, III), 1 July 1982 through 30 June 1983. (Project 762748 - Continuation)

\$81,764.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Chemistry and Pharmacology of Thalictum Constituents, College of Pharmacy (J. L. Beal, R. W. Doskotch and P. N. Patil), 1 July 1982 through 30 June 1983. (Project 761497 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D. C., American Lakes: Comparative and Paleolimnological Analyses to Test Hypotheses, Department of Zoology (P. A. Colinvaux), 1 June 1982 through 31 May 1983. (Project 762634 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$79,306.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Predoctoral Training in Medicinal Chemistry, College of Pharmacy (D. T. Witiak), 1 July 1982 through 30 June 1983. (Project 761123 - Continuation)

\$78,149.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Studies on the Dextran Sucrase of Streptococcus Sanguis, Department of Chemistry (R. M. Mayer), 1 July 1982 through 30 June 1983. (Project 760160 - Continuation)

\$76,700.00 - National Science Foundation, Washington, D. C., Dynamics, Synthesis and Structure of Carbanionic Substances, Department of Chemistry (G. A. Fraenkel), 1 July 1982 through 30 June 1983. (Project 762189 - Continuation)

\$76,110.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Nursing, Bethesda, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1982 through 30 June 1983. (Project 762275 - Continuation)

\$75,000.00 - National Endowment for the Humanities, Washington, D. C., An Edition of the Records of Early English Drama, Department of English (S. J. Kahrl), 1 June 1982 through 31 May 1984. (Project 763122 - New)

\$67,593.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions to Phosphorus, Department of Chemistry (M. D. Tsai), 1 July 1982 through 30 June 1983. (Project 762722 - Continuation)

\$66,871.00 - National Science Foundation, Washington, D. C., Environmental and Climate of the American Equator Since 18K, Department of Zoology (P. A. Colinvaux), 1 July 1982 through 30 June 1983. (Project 763164 - New)

\$66,000.00 - National Science Foundation, Washington, D. C., Development of Brainstem-Spinal Systems Related to Autonomic Control, Pain Modulation and Somatic Motor Activity, Department of Anatomy (G. F. Martin), 1 September 1980 through 31 August 1983. (Project 762278 - Continuation)

\$65,424.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Gaseous Corrosion of Silicon Based Ceramics, Department of Ceramic Engineering (E. R. Kreidler and D. W. Readey), 1 July 1982 through 30 June 1983. (Project 763186 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,000.00 - National Science Foundation, Washington, D. C., Customizable Workstation Environment, Department of Computer and Information Science (J. Ramanathan), 1 July 1982 through 30 June 1984. (Project 763117 - New)

\$62,804.00 - Department of Energy, Argonne, Illinois, Development of Genetic Systems for Analysis of the Obligate Anaerobe *Methanobacterium ruminantium* PS, Department of Microbiology (J. N. Reeve and J. I. Frea), 1 July 1982 through 30 June 1983. (Project 762755 - Continuation)

\$60,983.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Human Thrombin: Binding and Recognition Sites, Department of Chemistry (L. J. Berliner), 1 July 1982 through 30 June 1983. (Project 761742 - Continuation)

\$60,000.00 - Department of Transportation, National Highway Traffic and Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 August 1982 through 31 July 1983. (Project 763173 - New)

\$59,167.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Biomedical Computing and Information Processing, College of Medicine - Administration (G. L. Trzebiatowski), 1 July 1982 through 30 June 1983. (Project 761133 - Continuation)

\$57,910.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, C-Reactive Protein Regulation of Tumor Immunity, Department of Microbiology (R. E. Mortensen), 1 July 1982 through 30 June 1983. (Project 762354 - Continuation)

\$56,873.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, cAMP Inhibition of Macrophage Tumor Cell Cytotoxicity, Department of Medicine (M. S. O'Dorisio), 1 July 1982 through 30 June 1983. (Project 762898 - Continuation)

\$55,384.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, The Enzymology of Mercury Detoxification, College of Pharmacy (J. W. Williams), 1 July 1982 through 30 June 1983. (Project 762733 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$55,000.00 - National Science Foundation, Washington, D. C., Geologic and Paleontologic History of the James Ross Island Basin, Northern Antarctica Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 August 1982 through 31 July 1983. (Project 762806 - Continuation)

\$55,000.00 - National Science Foundation, Washington, D. C., Systematics of Egg Parasitoids of the Subfamily Telenominae Hymenoptera Scelionidae, Department of Entomology (N. F. Johnson), 1 July 1982 through 30 June 1984. (Project 763081 - New)

\$54,834.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (P. W. Murdick), 27 June 1982 through 26 June 1983. (Project 762689 - Continuation)

\$54,786.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Regulation of Dihydrofolate Reductase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 July 1982 through 30 June 1983. (Project 761710 - Continuation)

\$53,394.00 - Environmental Protection Agency, Chicago, Illinois, Technical Assessment of the Lake Erie Intensive Study, Center for Lake Erie Area Research (C. E. Herdendorf), 1 February 1982 through 31 August 1982. (Project 762099 - Continuation)

\$53,001.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Analyzing Program Methodologies Using Software Science, Department of Computer and Information Science (S. H. Zweben), 1 August 1982 through 31 July 1983. (Project 762340 - Continuation)

\$46,350.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Regular Education Inservice (Comprehensive Vocational Education for All Handicapped Persons: Inservice Support for Transition from Education to Work), The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1982 through 31 May 1983. (Project 762183 - Continuation)

\$41,715.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Handicapped Pre-Service Personnel Preparation--Continuation Proposal, Third Year, School of Health, Physical Education and Recreation (W. E. Ersing), 1 June 1982 through 31 May 1983. (Project 762175 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$39,078.00 - National Science Foundation, Washington, D. C., Journal of Money, Credit, and Banking Data Storage and Evaluation, Department of Economics (W. G. Dewald and J. G. Thursby), 1 July 1982 through 30 June 1984. (Project 763145 - New)

\$33,000.00 - National Science Foundation, Washington, D. C., Decentralized Control with Low Order, Local Models, Department of Electrical Engineering (U. Ozguner), 1 July 1982 through 30 June 1984. (Project 763188 - New)

\$31,902.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Manpower, Hyattsville, Maryland, Pre-Clinical to Clinical Medicine: A Transitional Curriculum, Department of Medicine (L. L. Gabel), 1 July 1982 through 30 June 1983. (Project 762756 - Continuation)

\$31,500.00 - National Science Foundation, Washington, D. C., Stereochemistry of Enzyme Reactions Involving a Pro-Prochiral Phosphorus Center, Department of Chemistry (M. D. Tsai), 1 July 1982 through 30 June 1983. (Project 762698 - Continuation)

\$30,900.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Dean's Grant, Academic Faculty for Exceptional Children (P. A. Connard), 1 June 1982 through 31 May 1983. (Project 762170 - Continuation)

\$28,350.00 - National Science Foundation, Washington, D. C., Applications of Algebraic Geometry to Quasi-Periodic Soliton Theory, Department of Mathematics (M. G. Forest and N. M. Ercolani), 1 July 1982 through 30 June 1984. (Project 763116 - New)

\$28,000.00 - National Science Foundation, Washington, D. C., Kirkpatrick Basalt Group, North Victoria Land, Antarctica, Department of Geology and Mineralogy and Institute of Polar Studies (D. H. Elliot and G. Faure), 1 July 1982 through 30 June 1983. (Project 762871 - Continuation)

\$24,000.00 - National Science Foundation, Washington, D. C., Fucose Synthesis and Utilization in Mammalian Tissue, Department of Biochemistry (G. S. Serif), 1 July 1982 through 30 June 1983. (Project 762042 - Continuation)

\$23,600.00 - National Science Foundation, Washington, D. C., Lifting Theory Problems Associated to Dual Reductive Pairs, Department of Mathematics (S. J. Rallis), 1 July 1982 through 30 June 1984. (Project 762078 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$20,600.00 - National Science Foundation, Washington, D. C., Sum-of-Squares Identities, Department of Mathematics (D. B. Shapiro), 1 July 1982 through 30 June 1984. (Project 763155 - New)

\$19,570.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Development of a Field-Based Preparation Program in Special Education Administration and Supervision, Academic Faculty for Exceptional Children (R. H. Swassing), 1 June 1982 through 31 May 1983. (Project 763165 - New)

\$19,241.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (P. A. Connard), 1 June 1982 through 31 May 1983. (Project 762853 - Continuation)

\$18,582.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Clinical Cancer Education Program, Department of Surgery (A. G. James), 1 July 1982 through 30 June 1983. (Project 761412 - Continuation)

\$17,357.00 - National Science Foundation, Washington, D. C., Some Problems in Probabilistic Potential Theory, Department of Mathematics (N. Falkner), 1 July 1982 through 30 June 1984. (Project 762692 - Continuation)

\$17,128.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Light Truck Side Structure Evaluation, Department of Mechanical Engineering (D. A. Guenther), 1 July 1982 through 31 December 1982. (Project 762963 - Continuation)

\$15,118.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Zero Modules and Inverse System Design, Department of Mathematics (B. F. Wyman), 1 July 1982 through 30 June 1983. (Project 762131 - Continuation)

\$15,046.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Fogarty International Center, Bethesda, Maryland, Inner Ear Study with X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 15 July 1982 through 15 January 1983. (Project 763127 - New)

\$12,825.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Hyattsville, Maryland, Traineeships, Graduate Health Administration Programs, School of Allied Medical Professions (S. F. Loebs), 1 July 1982 through 30 June 1983. (Project 763121 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,744.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Pilot Performance and Workload Assessment: An Analysis of Pilot Errors, Department of Aviation (R. S. Jensen), 1 July 1982 through 30 September 1982. (Project 763156 - New)

\$10,711.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hema-mi), 1 March 1982 through 30 September 1982. (Project 762618 - Continuation)

\$10,300.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Preservice and Inservice Training of Teachers of the Hearing Impaired in Microcomputer and Computer Graphics Techniques as an Instructional Tool in Grades K-12, Academic Faculty for Exceptional Children (S. Rose) and Department of Engineering Graphics (J. B. Waldron), 1 June 1982 through 31 May 1983. (Project 763154 - New)

\$10,000.00 - National Science Foundation, Washington, D. C., The Economics of Reforestation in Energy and Food Deficient LDCs: A Case Study in Ghana, Department of Agricultural Economics and Rural Sociology (F. J. Hitzhusen), 1 July 1982 through 30 June 1983. (Project 763134 - New)

\$5,988.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Tactual Sensing and Transmittal of Information, Department of Psychology (R. J. Jagacinski) and Department of Aviation (R. D. Gilson), 1 July 1982 through 30 September 1982. (Project 760476 - Continuation)

\$5,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Conference on Wave Propagation and Scattering, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 1 June 1982 through 31 May 1983. (Project 763163 - New)

\$3,370.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Ohio State University Preservice/Inservice Training Project for Special Education Personnel: Optacon Inservice Workshop, Academic Faculty for Exceptional Children (J. E. Ward), 1 June 1982 through 31 May 1983. (Project 762171 - Continuation)

\$840.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Agricultural Technical Institute, Wooster, University Libraries (G. Guthrie), 1 October 1982 through 30 September 1983. (Project 763158 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$840.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Lima Regional Campus, University Libraries (G. Guthrie), 1 October 1982 through 30 September 1983. (Project 763161 - Continuation)

\$840.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Mansfield Regional Campus, University Libraries (G. Guthrie), 1 October 1982 through 30 September 1983. (Project 763162 - Continuation)

\$840.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Marion Regional Campus, University Libraries (G. Guthrie), 1 October 1982 through 30 September 1983. (Project 763159 - Continuation)

\$840.00 - Department of Education, Office of Libraries and Learning Technologies, Washington, D. C., Acquisition of Academic Library Resources for the Newark Regional Campus, University Libraries (G. Guthrie), 1 October 1982 through 30 September 1983. (Project 763160 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$6,908,509.00

State of Ohio Research Contracts/Grants

\$75,000.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Education Deans' Task Force for Personnel Preparation for the Handicapped, Academic Faculty for Exceptional Children (T. M. Stephens), 1 July 1982 through 30 June 1983. (Project 763187 - Continuation)

\$62,004.00 - State of Ohio, Department of Education, Vocational and Career Education and School Food Service, Columbus, Ohio, Provision of Technical Assistance to the Ohio Occupational Information Coordinating Committee, Academic Faculty of Labor and Human Resources (S. C. Kelley), 1 July 1982 through 30 June 1983. (Project 763183 - Continuation)

\$40,500.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Ohio Education Deans' Task Force for Personnel Preparation for the Handicapped, Academic Faculty for Exceptional Children (T. M. Stephens), 1 July 1982 through 30 June 1983. (Project 763133 - New)

\$9,094.00 - State of Ohio, Department of Education, Division of School Food Service, Columbus, Ohio, "Upward Bound" Summer Food Service Program, Office of Minority Affairs (R. T. McDonald), 17 June 1982 through 30 July 1982. (Project 763151 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$4,000.00 - State of Ohio, Department of Economic and Community Development, Columbus, Ohio, Home Energy Assistance Program, Department of Political Science (K. J. Andersen), 1 April 1982 through 1 May 1982. (Project 763119 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS \$ 190,598.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$371,974.00 - The Robert Wood Johnson Foundation, Princeton, New Jersey, Rural Infant Care Program Summary, Department of Obstetrics and Gynecology (R. O'Shaughnessey), 1 July 1982 through 30 June 1984. (Project 762218 - Continuation)

\$302,243.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Caries, College of Dentistry - Oral Biology (W. A. Zacherl), 1 July 1982 through 30 June 1983. (Project 762065 - Continuation)

\$150,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Importance of Reactive Oxygen Species to Cell Damage, Department of Medicine (A. L. Sagone, Jr.), 1 July 1982 through 30 June 1985. (Project 763144 - New)

\$125,304.00 - The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus, College of Dentistry - Administration (W. A. Zacherl), 1 July 1982 through 30 June 1983. (Project 760029 - Continuation)

\$119,968.00 - The Procter and Gamble Company, Cincinnati, Ohio, Selective Hydrogenation Catalysts from Supported Mono- and Bi-Metallic Complexes of Chelating Triphosphines, Department of Chemistry (D. W. Meek), 1 July 1982 through 30 June 1985. (Project 763152 - New)

\$110,000.00 - Rockwell International North American Aircraft Operations, Los Angeles, California, Radar Cross Section of Air Craft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 25 April 1982 through 30 September 1982. (Project 762982 - Continuation)

\$82,979.00 - City of Columbus, Department of Public Service, Division of Water, Columbus, Ohio, Study the Presence, Distribution and Control of Legionella in the Columbus Water Distribution System and University Hospital, Department of Microbiology (M. S. Rheins and O. H. Tuovinen) and Department of Medicine (J. F. Plouffe), 1 June 1982 through 31 May 1983. (Project 763082 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$81,860.00 - Hospital Financial Management Association, Oak Brook, Illinois, The Development of a Financial Analysis Service for the Hospital Industry, School of Allied Medical Professions (W. O. Cleverley), 1 July 1982 through 30 June 1983. (Project 761794 - Continuation)

\$47,466.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Exemplary Dental Services for the Handicapped, Nisonger Center for Mental Retardation (E. S. Sterling), 1 July 1982 through 30 June 1983. (Project 763176 - Continuation)

\$44,456.49 - Various Pharmaceutical Labs, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)

\$43,886.00 - Electric Power Research Institute, Palo Alto, California, Study of Acid Corrosion in the Clean Gas Saturator of a Coal Gasification Combined Cycle Power Plant, Department of Metallurgical Engineering (D. D. Macdonald), 21 June 1982 through 31 December 1982. (Project 763175 - New)

\$38,915.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1982 through 30 September 1983. (Project 762866 - Continuation)

\$35,340.00 - University of California, Davis, California, Physiology of Buoyancy Regulation, Department of Chemistry (L. J. Greenwald), 1 July 1982 through 30 June 1983. (Project 763146 - New)

\$31,925.00 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Dose Range Study of Triamterene in Patients Developing Hypokalemia During Hydrochlorothiazide Therapy, College of Pharmacy (J. A. Visconti) and Department of Family Medicine (P. J. Fahey), 1 July 1982 through 31 January 1983. (Project 763185 - New)

\$30,250.00 - American Heart Association, Inc., Dallas, Texas, Peripheral Circulation-Neural Control in Normal and SHR Rats, Department of Physiology (J. A. Boulant), 1 September 1982 through 31 August 1983. (Project 762709 - Continuation)

\$26,000.00 - Northern Arizona University, Flagstaff, Arizona, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1982 through 31 December 1982. (Project 763123 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$25,690.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 11 June 1982 through 10 September 1982. (Project 762992 - Continuation)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Chemistry (M. S. Platz), 16 September 1982 through 15 September 1984. (Project 763171 - New)

\$25,000.00 - Alfred P. Sloan Foundation, New York, New York, Alfred P. Sloan Research Fellowship, Department of Physics (C. Jayaprakash), 16 September 1982 through 15 September 1984. (Project 763172 - New)

\$25,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Application for Young Investigator Research Position Award, College of Pharmacy (J. J. MacKichan), 1 July 1982 through 30 June 1983. (Project 762641 - Continuation)

\$23,870.00 - American Heart Association, Inc., Dallas, Texas, Biochemical and Structural Analysis of Cardiac Z-Line, Department of Veterinary Anatomy (M. Yamaguchi), 1 July 1982 through 30 June 1983. (Project 762325 - Continuation)

\$23,528.00 - Ministry of Education, Taipei, Taiwan, Special Education Training Program, Academic Faculty for Exceptional Children (T. M. Stephens and R. H. Swassing), 1 June 1982 through 30 June 1982. (Project 763132 - New)

\$22,482.00 - Schering Corporation, Kenilworth, New Jersey, A Placebo Controlled Clinical Trial of Sch 19927 Ophthalmic Solutions, 0.5% and 0.25% in Ocular Hypertensives, Department of Ophthalmology (P. A. Weber), 1 July 1982 through 31 October 1982. (Project 763167 - New)

\$21,600.00 - Sterling-Winthrop Research Institute, Rensselaer, New York, Clinical Plan for WIN 47,203 for Canine Congestive Heart Failure, Department of Veterinary Clinical Sciences (J. D. Bonagura), 15 June 1982 through 14 June 1983. (Project 763178 - New)

\$18,993.00 - American Otological Society, Inc., Bronx, New York, Histochemical Ultrastructural and X-Ray Microanalysis, Department of Otolaryngology (D. J. Lim), 1 July 1982 through 30 June 1983. (Project 762789 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$18,927.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 October 1982 through 30 September 1983. (Project 763174 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Active Changes in the Characteristic Impedance of the Aorta, Department of Physiology (J. P. Dujardin), 1 October 1982 through 30 September 1983. (Project 762706 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 October 1982 through 30 September 1983. (Project 763120 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Left Ventricular Energy Balance and Mechanical Efficiency, Department of Physiology (H. P. Pieper), 1 October 1982 through 30 September 1983. (Project 763115 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Lipid Peroxides - Endothelial Injury - Atherosclerosis, Department of Physiological Chemistry (R. V. Panganamala), 1 October 1982 through 30 September 1983. (Project 763157 - New)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Patterns of Isoenzyme Release from Myocardial Cells, Department of Physiological Chemistry (R. A. Altschuld), 1 October 1982 through 30 September 1983. (Project 763136 - New)

\$17,979.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Blood Flow/Enzyme Activity Effects on Antiarrhythmic Kinetics, College of Pharmacy (J. J. MacKichan), 1 July 1982 through 30 June 1983. (Project 762678 - Continuation)

\$15,050.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1982 through 30 June 1983. (Project 763170 - Continuation)

\$13,300.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Community Worker Project, Nisonger Center for Mental Retardation (F. A. M. Benson), 1 January 1982 through 30 September 1982. (Project 763179 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$13,000.00 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, Expansion Clinical Use of "Ridaura" (Auranofin), Department of Medicine (R. L. Whisler), 14 January 1982 through 13 January 1983. (Project 763125 - New)

\$12,352.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Significance of the Site of Ventricular Ectopy, Department of Medicine (T. Bashore), 1 July 1982 through 30 June 1983. (Project 763143 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Coronary Artery Angioplasty, Prostaglandins, and Platelets, Department of Medicine (D. V. Unverferth and R. A. Stine), 1 October 1982 through 30 September 1983. (Project 763142 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Diaphragmatic Physiology in Heart Failure, Department of Medicine (C. V. Leier and G. F. Dixon), 1 July 1982 through 30 June 1983. (Project 763141 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effects of Capsaicin on Total Serum, Myocardial, Aortic and Cerebro-Vascular Cholesterol Levels, Department of Anatomy (J. A. Negulesco), 1 October 1982 through 30 September 1983. (Project 763114 - New)

\$12,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Quantitative Histology of Human Congestive Cardiomyopathy, Department of Pathology (P. B. Baker) and Department of Medicine (B. J. Unverferth), 1 October 1982 through 30 September 1983. (Project 763135 - New)

\$10,776.00 - Miles Pharmaceuticals, West Haven, Connecticut, Penicillins and Platelet Aggregation, Department of Medicine (R. J. Fass), 1 May 1982 through 30 April 1983. (Project 763181 - New)

\$10,260.00 - Eli Lilly and Company, Indianapolis, Indiana, Research in Infectious Disease, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)

\$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Coronary Artery Angioplasty, Prostaglandins, and Platelets, Department of Medicine (D. V. Unverferth and R. A. Stine), 1 July 1982 through 31 December 1982. (Project 763140 - New)

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Histologic and Biochemical Correlates of Diastolic Function, Department of Medicine (T. M. Bashore and D. J. Magorien), 1 July 1982 through 31 December 1982. (Project 763147 - New)

\$9,750.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Investigation of Orthostatic Hypotension in Mitral Valve Prolapse Syndrome, Department of Medicine (C. F. Wooley and J. M. Rogers), 1 July 1982 through 31 December 1983. (Project 763139 - New)

\$9,223.00 - Capital University, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 September 1982 through 30 May 1983. (Project 763168 - Continuation)

\$9,000.00 - Cancer Therapy and Research Center, San Antonio, Texas, Southwest Oncology Group (Subcontract), Department of Medicine (S. P. Balcerzak), 1 January 1982 through 31 December 1982. (Project 763118 - New)

\$8,526.00 - Gravitest, Inc., Boston, Massachusetts, Pregnancy Test Evaluation, Department of Obstetrics and Gynecology (V. C. Stevens), 1 May 1982 through 1 November 1982. (Project 763190 - New)

\$8,494.00 - The Procter and Gamble Company, Cincinnati, Ohio, Effect of Dentifrices on Root Caries, College of Dentistry - Oral Biology (S. Rosen), 1 July 1982 through 31 December 1982. (Project 763150 - New)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Lipoprotein Regulation of Macrophage Antitumor Activity, Department of Microbiology (B. S. Zwillig) and Department of Pathology (H. A. Newman), 1 July 1982 through 30 June 1983. (Project 763169 - New)

\$5,693.33 - Wyeth Laboratories, Philadelphia, Pennsylvania, Oxaprozin Protocol Study, Department of Obstetrics and Gynecology (M. H. Kim), 19 March 1982 through 18 March 1983. (Project 763130 - New)

\$5,000.00 - National Training Fund for the Communications Industry, Washington, D. C., Technical Assistance to the National Training Fund for the Communications Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 28 February 1983. (Project 768050 - Continuation)

\$4,200.00 - General Electric Foundation, Fairfield, Connecticut, Educators in Industry Workshop, Academic Faculty of Special Services (J. V. Wigtil), 1 June 1982 through 31 August 1982. (Project 763074 - New)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$3,707.00 - Chemical Abstracts Service, Division of The American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 16 June 1982 through 15 August 1982. (Project 762213 - Continuation)

\$2,650.00 - State of Wisconsin, Department of Public Instruction, Madison, Wisconsin, Technical Assistance for the State of Wisconsin Department of Public Instruction, The National Center for Research in Vocational Education (R. E. Taylor), 15 June 1982 through 1 September 1982. (Project 768038 - New)

\$2,176.00 - Veterinary Orthopedic Society, Salt Lake City, Utah, Normal and Abnormal Canine Stifle Motion as Evaluated by an Instrumented Kinematic Chain (Goniometer), Department of Veterinary Clinical Sciences (M. L. Olmstead), 1 June 1982 through 31 May 1983. (Project 763177 - New)

\$2,000.00 - C.S.G. Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 June 1982 through 28 February 1983. (Project 763026 - Continuation)

\$1,600.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Equipment for Industrial and Systems Engineering Computer and Control Laboratory, Department of Industrial and Systems Engineering (R. S. Ahluwalia), 1 May 1982 through 30 April 1983. (Project 763131 - New)

\$1,000.00 - Lewis Clark State College, Lewiston, Idaho, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1971 through 30 June 1982. (Project 761599 - Continuation)

\$500.00 - Greater Columbus Arts Council, Columbus, Ohio, Africa and the West: The Challenge of African Humanism, Department of Romance Languages and Literatures (R. Bjornson) and Department of Black Studies (I. Mowoe), 6 March 1982 through 30 June 1982. (Project 763129 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$2,202,392.82
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ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$235,677.00 - Ten sponsors for 16 development projects under the direction of five engineering departments and research areas.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The James N. George Fund

The James N. George Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The George Foundation of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be made available for the use of Dr. James N. George, Professor of Medicine at The University of Texas Health Science Center at San Antonio as long as he is an active member of the university faculty. The income would also be available for Dr. George's use should he become an active member of any other university faculty. During that time, the annual income is to be used by Dr. George for research and training in hematology.

When Dr. George retires or, if prior thereto, he indicates no further use for the funds, they will remain with The Ohio State University College of Medicine. The entire fund will then be used to endow a faculty chair in the College of Medicine. The use of the faculty chair shall be left to the discretion of the Dean of the College of Medicine.

The Mildred S. and Noel F. George Fund

The Mildred S. and Noel F. George Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the Kaplan-Halpert Foundation of Cleveland, Ohio through the generosity of Noel F. George ('32 Law), a trustee of the Foundation, on the occasion of his 50th Anniversary of graduation from the College of Law.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for the Library in the College of Law at the discretion of the Dean of the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Description of Named Fund

The William Ray Flesher Professorship in Educational Administration Fund

The William Ray Flesher Professorship in Educational Administration Fund was established June 10, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Marie Adamson Flesher, M.A. '35, Ph.D. '51, in memory of her late husband, William Ray Flesher, M.A. '35, Ph.D. '42, of Little Rock, Arkansas. Both Drs. Flesher served the University with distinction for many years. The name of the fund will be changed to "The William Ray and Marie Adamson Flesher Professorship in Educational Administration" after the demise of Dr. Marie A. Flesher.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for the work of a distinguished scholar in the field of educational administration. Appointment to the Flesher Professorship will be recommended by the Dean of the College of Education to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for educational administration.

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - July 1982

Federal Research Contracts/Grants

\$604,027.00 - Department of Health and Human Services, Public Health Service, Health Services Administration, Bureau of Community Health Services, Maternal and Child Health Training, Rockville, Maryland, Mental Retardation Training, Nisonger Center for Mental Retardation (G. E. Martin), 1 July 1982 through 30 June 1983. (Project 761169 - Continuation)

\$410,503.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Ohio Statewide Cancer Control Support Development Grant, Cancer Research Center (C. J. Cavalaris), 1 July 1982 through 30 June 1983. (Project 761832 - Continuation)

\$190,600.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center Support and Fellowships for Slavic and East European Studies, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762823 - Continuation)

\$162,676.00 - Department of Health and Human Services, Office of Human Development Services, Administration of Developmental Disabilities, Chicago, Illinois, UAF Administration and Operation, Nisonger Center for Mental Retardation (M. J. Guralnick), 30 June 1982 through 29 June 1983. (Project 760751 - Continuation)

\$161,888.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion Cracking and Oxidation Characteristics of Boride-Strengthened Microcrystalline Iron and Nickel Based Alloys, Department of Metallurgical Engineering (C. E. Mobley), 1 July 1982 through 30 June 1983. (Project 763166 - New)

\$143,312.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - East Asia, University Center for International Studies (J. S. Adams), Department of Anthropology (C. M. Chen), and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762844 - Continuation)

\$130,031.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., Upward Bound, Office of Minority Affairs (R. T. McDonald), 1 September 1982 through 31 August 1983. (Project 762324 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$129,114.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Rehabilitative Services, Washington, D. C., Training Cost in Physical Medicine and Rehabilitation, Department of Physical Medicine (E. W. Johnson), 1 July 1982 through 30 June 1983. (Project 760750 - New)

\$122,069.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Mechanisms of Organelle Transmission Genetics, Department of Genetics (C. W. Birky and P. S. Perlman), 1 August 1982 through 31 July 1983. (Project 760122 - Continuation)

\$110,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Biomimetic Metal Complexes of Macrocyclic Ligands, Department of Chemistry (D. H. Busch), 1 July 1982 through 30 June 1983. (Project 761501 - Continuation)

\$108,716.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Liposome-Macrophage Activating Factor for Clinical Use, Department of Medicine (J. J. Rinehart and C. Whitacre) and Department of Microbiology (B. Zwilling), 1 July 1982 through 30 June 1983. (Project 763199 - New)

\$106,160.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Special Services Program for Disadvantaged Students, University College - Administration (M. A. Stewart), 1 September 1982 through 31 August 1983. (Project 762867 - Continuation)

\$99,000.00 - National Science Foundation, Washington, D. C., Syntheses and Studies of Selected Metal Carbonyl and Metalloborane Cluster Systems, Department of Chemistry (S. G. Shore), 9 July 1982 through 31 August 1983. (Project 761767 - Continuation)

\$95,109.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Chymotrypsin Deacylation - An In-Depth Study, Department of Chemistry (M. H. Klapper), 1 July 1982 through 30 June 1983. (Project 763200 - New)

\$94,988.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Development of a Curriculum for Pediatric Residents in Handicapping Conditions (New Outreach), Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1982 through 30 June 1983. (Project 763194 - New)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$86,990.00 - Department of Education, Office of Higher and Continuing Education, Office of Special Education, Washington, D. C., National Resource Center and Fellowships Program - Near and Middle East, University Center for International Studies (J. S. Adams), Department of History (S. Dale), and Graduate School - Administration (J. B. LaPidus), 15 August 1982 through 14 August 1983. (Project 762845 - Continuation)

\$85,470.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Influence of Nitrogen on the Sensitization, Corrosion, Mechanical and Microstructural Properties of Austenitic Stainless Steels, Department of Metallurgical Engineering (W. A. Clark, D. D. Macdonald, and S. Pednekar), 15 August 1982 through 14 August 1983. (Project 762818 - Continuation)

\$85,026.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Effector Mechanisms in Allergic Encephalomyelitis, Department of Medicine (C. C. Whitacre) and Department of Pathology (A. J. Yates), 1 July 1982 through 30 June 1983. (Project 763206 - New)

\$79,394.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Development and Use of Anucleated Bacterial Cells to Assay the *in Vivo* Activity of Pollutants, Department of Microbiology (J. N. Reeve), 1 August 1982 through 31 July 1983. (Project 762592 - Continuation)

\$77,568.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Amphetamine, Monoamines and Behavior, College of Pharmacy (N. J. Uretsky), 1 July 1982 through 30 June 1983. (Project 761210 - Continuation)

\$76,095.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Felv Leukemogenesis and Pheneoplastic Lesions, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1982 through 30 June 1983. (Project 762826 - Continuation)

\$75,136.00 - National Science Foundation, Washington, D. C., Dynamics and Control of Kinematically Redundant Robotic and Biological Systems, Department of Mechanical Engineering (N. Berne) and Department of Electrical Engineering (C. A. Klein, S. Koozekanani, and R. B. McGhee), 15 July 1982 through 14 July 1983. (Project 763208 - New)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$72,794.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1982 through 30 June 1983. (Project 762298 - Continuation)

\$68,200.00 - National Science Foundation, Washington, D. C., Low Temperature Electronic Properties of Conducting Solids, Department of Physics (J. C. Garland), 1 July 1982 through 30 June 1983. (Project 762691 - Continuation)

\$65,000.00 - National Science Foundation, Washington, D. C., Gaseous and Aqueous Corrosion of Ceramics, Department of Ceramic Engineering (D. W. Readey) 1 July 1982 through 30 June 1983. (Project 762751 - Continuation)

\$64,721.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Studies of Seminal Plasma Immune Response Inhibitor, Department of Medical Microbiology and Immunology (C. Prakash), 1 May 1982 through 30 April 1983. (Project 762167 - Continuation)

\$62,609.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Graduate Training in Biochemical Neuropathology, Department of Physiological Chemistry (L. A. Horrocks), 1 July 1982 through 30 June 1983. (Project 760708 - Continuation)

\$61,000.00 - National Science Foundation, Washington, D. C., A Resonance Study of Molecular and Atomic Excitations in the Solid Hydrogens, Department of Physics (J. R. Gaines), 1 July 1982 through 30 June 1983. (Project 762786 - Continuation)

\$59,416.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Division of Associated Health Professions, Hyattsville, Maryland, Graduate Programs in Health Administration, School of Allied Medical Professions (S. F. Loebs), 1 October 1982 through 30 September 1983. (Project 761329 - Continuation)

\$58,466.00 - National Science Foundation, Washington, D. C., The Utilization of Electrochemical Reactions and Electrochemically Derived Products in Organic Synthesis, Department of Chemistry (J. S. Swenton), 1 September 1982 through 31 August 1983. (Project 762305 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$57,757.00 - Department of Health and Human Services, Public Health Service, Health Resources Administration, Bureau of Health Professions, Division of Nursing, Hyattsville, Maryland, Professional Nurse Traineeship Program, School of Nursing (E. L. Fritz), 1 July 1982 through 30 June 1983. (Project 760803 - Continuation)

\$51,212.00 - National Science Foundation, Washington, D. C., Maintenance of the *Bacillus* Genetic Stock Center, Department of Microbiology (D. H. Dean), 1 August 1980 through 31 July 1983. (Project 762225 - Continuation)

\$50,482.00 - National Science Foundation, Washington, D. C., Ultrastructure of Fossil Pollen and Spores, Department of Botany (T. N. Taylor), 1 October 1982 through 30 September 1983. (Project 762215 - Continuation)

\$45,664.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels, Department of Welding Engineering (D. G. Howden), 1 January 1982 through 31 August 1982. (Project 762890 - Continuation)

\$44,195.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Ontogeny and Plasticity of Identified Spinal Systems, Department of Anatomy (R. H. Ho), 1 July 1982 through 30 June 1983. (Project 763196 - New)

\$42,024.00 - Department of Education, Office of Education Research and Improvements, Fund for the Improvement of Postsecondary Education, Washington, D. C., Cooperative On-Site Instruction Program for Columbus Business and Industry, Office of Academic Affairs, Continuing Education Administration (A. E. Adams and M. M. Garland), 1 September 1982 through 31 August 1983. (Project 762861 - Continuation)

\$39,771.00 - National Science Foundation, Washington, D. C., Information Aspects of the Adoption and Diffusion of an Innovation, Department of Economics (R. A. Jensen), 1 July 1982 through 30 September 1983. (Project 763204 - New)

\$38,000.00 - Department of the Army, Cold Regions Research and Engineering Laboratory, Hanover, New Hampshire, Mapping and Response of Soils and Landforms to Environmental Stresses in Northern Alaska, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 19 July 1982 through 18 July 1983. (Project 762749 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$36,302.00 - National Science Foundation, Washington, D. C., Exploration of Radical Addition Reactions in the Synthesis of Complex Molecules, Department of Chemistry (D. J. Hart), 1 September 1982 through 31 August 1983. (Project 763219 - New)

\$35,893.00 - National Science Foundation, Washington, D. C., Collaborative Research on a Monographic Study of the Genus *Coreopsis* (Compositae), Department of Botany (D. J. Crawford), 15 August 1982 through 14 August 1983. (Project 762328 - Continuation)

\$30,573.00 - Department of Education, Office of Postsecondary Education, Office of International Education, Washington, D. C., Materials for an Individualized Course in Polish, Department of Slavic and East European Languages and Literatures (J. R. Krzyzanowski), 1 July 1982 through 31 January 1983. (Project 763205 - New)

\$29,911.00 - National Science Foundation, Washington, D. C., EEA, A Differentiation Enhancing Factor in *Acanthamoeba*: Characterization, Synthesis, and Fate, Department of Microbiology (T. J. Byers), 1 August 1980 through 31 July 1983. (Project 762309 - Continuation)

\$27,700.00 - National Science Foundation, Washington, D. C., Geometric Topology and Homotopy Theory, Department of Mathematics (D. Burghlelea and J. A. Neisendorfer), 1 July 1982 through 30 June 1983. (Project 762777 - Continuation)

\$26,500.00 - National Science Foundation, Washington, D. C., Investigations into the Necessary Use of Abstract Set Theory and Constructive Aspects of Algebra, Department of Mathematics (H. M. Friedman and R. L. Smith), 1 July 1982 through 30 June 1983. (Project 762750 - Continuation)

\$23,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Studies of the Distribution, Disposition and Metabolism of Antineoplastic Agents, College of Pharmacy (L. Malspeis), 15 June 1982 through 14 September 1982. (Project 761876 - Continuation)

\$19,500.00 - National Science Foundation, Washington, D. C., United States-Federal Republic of Germany Workshop on Research and Development to New Procedures in Nondestructive Testing, Department of Welding Engineering (L. Adler), 15 July 1982 through 31 December 1982. (Project 763217 - New)

\$19,104.00 - National Science Foundation, Washington, D. C., Cooperative Research Program in Nuclear Astrophysics and Time Reversal Invariance in Proton Elastic Scattering, Department of Physics (T. R. Donoghue), 15 July 1982 through 31 July 1984. (Project 763220 - New)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,981.00 - Department of the Army, Ballistics Missile Defense Systems Command, Huntsville, Alabama, Research on Fast Semiconductor Infrared Optical Spatial Light Modulators, Department of Electrical Engineering (M. O. Thurston) and Department of Electrical Engineering, ElectroScience Laboratory (S. A. Collins), 1 October 1980 through 30 June 1981. (Project 762090 - Continuation)

\$12,000.00 - National Science Foundation, Washington, D. C., Chemistry of Metal-Carbon Sigma Bonds, Department of Chemistry (A. A. Wojcicki), 1 July 1982 through 31 December 1982. (Project 761787 - Continuation)

\$11,572.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch and R. M. Sykes), 1 June 1982 through 30 September 1982. (Project 762051 - Continuation)

\$8,490.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Construction of Vehicle Tracking-Phase II, Department of Electrical Engineering, ElectroScience Laboratory (D. E. Svoboda), 1 July 1982 through 30 September 1982. (Project 763034 - Continuation)

\$8,357.00 - Environmental Protection Agency, Chicago, Illinois, Phosphorus Fertility Management Demonstration Project for Defiance Area Soils High in Available Phosphate, Cooperative Extension Service - State Operations (T. L. Jones and M. E. Kroetz) and Department of Agronomy (T. J. Logan), 1 July 1982 through 30 June 1984. (Project 763213 - New)

\$5,115.00 - National Science Foundation, Washington, D. C., Systematics of *Liatrix* (Compositae), Series *Graminifoliae*, Department of Botany (D. J. Crawford), 15 August 1982 through 31 July 1984. (Project 763212 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$4,423,177.00

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$173,092.00 - Central Soya, Fort Wayne, Indiana, Potential Prophylactic Dietary Role of Lecithin in Repressing Age-Related Changes in Behavior, Neuroanatomy, and Neurochemistry: An Integrated Multidisciplinary Study in the Aging Mouse, Department of Pathology (R. F. Mervis), Department of Physiological Chemistry (L. A. Horrocks), Department of Psychology (D. R. Meyer), and College of Pharmacy (L. J. Wallace), 1 July 1982 through 30 September 1983. (Project 763203 - New)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$166,100.00 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 1 July 1982 through 30 June 1983. (Project 760113 - Continuation)

\$128,045.00 - Franklin County Board of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Early Childhood Classes, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 September 1982 through 30 August 1983. (Project 763218 - Continuation)

\$118,714.00 - Hannah Neil Center for Children, Columbus, Ohio, Implementing Behavioral Treatment Activities: A Joint Exceptional Children/Physical Education Internship, School of Health, Physical Education and Recreation (C. L. Mand) and Academic Faculty of Exceptional Children (J. O. Cooper), 1 July 1982 through 30 June 1983. (Project 763153 - Continuation)

\$68,534.00 - Pennwalt Corporation, Rochester, New York, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1982 through 30 April 1983. (Project 762159 - Continuation)

\$63,620.00 - A. H. Robins Company, Richmond, Virginia, Guaifenesin (AHR-9659) Intravenous Toxicity Study in Horses, Department of Veterinary Clinical Sciences and Department of Veterinary Physiology and Pharmacology (W. W. Muir, III), 15 August 1982 through 15 February 1983. (Project 763193 - New)

\$48,000.00 - Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 June 1982 through 31 December 1982. (Project 763124 - New)

\$46,963.00 - Adria Laboratories, Columbus, Ohio, Investigation of the Microbiological Modification of Anthracycline, Department of Microbiology (W. R. Strohl), 1 July 1982 through 30 June 1983. (Project 762765 - Continuation)

\$41,000.00 - Transamerica Delaval, Inc., Trenton, New Jersey, Electrochemical Reactivity and Stress Corrosion Cracking of Turbine Disc Alloys, Department of Metallurgical Engineering (D. D. Macdonald), 1 July 1982 through 31 December 1982. (Project 761965 - Continuation)

\$37,913.00 - Defiance Soil and Water Conservation District, Defiance, Ohio, Evaluation of Crop Production Effects and Soil and Nutrient Losses from Lake Plain Soils with Conservation Tillage Management, Department of Agronomy (T. J. Logan), 1 August 1982 through 31 July 1984. (Project 762509 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$34,524.26 - E. I. duPont, Wilmington, Delaware, Rising Dose Tolerance and Pharmacokinetic Study with Single Doses of EN 212 (32 mg. 48 mg. 64 mg.) (M-10), Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)

\$30,000.00 - American Cancer Society, Inc., New York, New York, American Cancer Society Institutional Research Grant, Cancer Research Center (D. S. Yohn), 1 July 1982 through 30 June 1983. (Project 764472 - Continuation)

\$25,834.61 - Pfizer, Inc., Groton, Connecticut, Phase I Two-Part Escalating Single Blind Placebo Controlled Randomized Toleration and Open Randomized Bioavailability Study of an Oral Formulation of Levonantradol (CP-50, 556) in Normal Volunteers (61-2), Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)

\$23,361.80 - American Egg Board, Park Ridge, Illinois, Hypercholesterolemia-Vitamin E-Thromboxane-Prostacyclin-Balance, Department of Physiological Chemistry (R. V. Panganamala), 1 July 1982 through 30 June 1983. (Project 763198 - New)

\$18,334.01 - Riker Laboratories, Inc., St. Paul, Minnesota, Comparative Absorption of a Single Dose of Norgesic Forte and of Orphenadrine Ditrates/Aspirin Solution and Comparison of Salicylic Acid Levels Following Multiple Oral Doses of Norgesic Forte and of Aspirin, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through Indefinite. (Project 763104 - Continuation)

\$15,026.00 - Xenia City Schools, Xenia, Ohio, A Proposed Educational Facility Plan for the Xenia, Ohio, City School District Developed in Concert with a Citizens' Facility Committee, Academic Faculty of Educational Administration (L. H. Wagstaff), 30 June 1982 through 31 July 1983. (Project 763201 - New)

\$14,480.00 - National Cash Register, NCR Central Technical Education Center, Miamisburg, Ohio, Development of a Criterion Referenced Training Course, Academic Faculty of Vocational-Technical Education (A. J. Miller), 15 June 1982 through 1 September 1982. (Project 763215 - Continuation)

\$10,975.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 July 1982 through 30 September 1982. (Project 763054 - Continuation)

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$10,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Carbon Monoxide Activation by Organoactinide Complexes: A Molecular Orbital Investigation, Department of Chemistry (B. E. Bursten), 1 June 1982 through 31 August 1984. (Project 763195 - New)

\$9,981.00 - Eli Lilly and Company, Indianapolis, Indiana, Evaluation of DNA Repair Enhancement by "Night Repair, Cell Recovery Complex," Departments of Radiology and Pharmacology and College of Medicine - Administration (S. M. D'Ambrosio), 15 July 1982 through 15 October 1982. (Project 763211 - New)

\$7,465.00 - Washington State Commission for Vocational Education, Olympia, Washington, An On-Site Evaluation of the Washington Research Coordination Unit, The National Center for Research in Vocational Education (R. E. Taylor), 15 July 1982 through 30 December 1982. (Project 763210 - New)

\$6,269.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers (AHEC), College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1981 through 30 September 1982. (Project 762889 - Continuation)

\$5,198.00 - Ohio Dominican College, Columbus, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 1 September 1982 through 30 May 1983. (Project 763197 - Continuation)

\$2,500.00 - Central Ohio Kidney Foundation, Columbus, Ohio, Characterization of Familial Renal Amyloidosis in Abyssinian Cats, Department of Veterinary Clinical Sciences (S. P. DiBartola, D. J. Chew, and J. T. Boyce), 1 July 1982 through 30 June 1983. (Project 763214 - New)

\$2,000.00 - Olympia Technical Community College, Olympia, Washington, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$1,820.00 - Northern Arizona University, Flagstaff, Arizona, Technical Assistance for the Northern Arizona University, The National Center for Research in Vocational Education (R. E. Taylor), 21 July 1982 through 30 September 1982. (Project 768040 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,109,749.68
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September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research

\$74,025.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Evaluation of Delineation Treatments: A Preliminary Study," Transplex, July 1, 1982 through July 14, 1983. (EES 529627)

\$62,773.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Research in Analytical Photogrammetry in Application to Transportation Surveys," Transplex, July 1, 1982 through June 30, 1983. (EES 529625, Extension 1)

\$54,940.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for "Evaluation of Sulfur-Asphalt Paving Mixtures in Ohio: A Laboratory and Field Investigation," Transplex, May 1982 through July 31, 1983. (EES 529070, Extension 4)

TOTAL - STATE SPONSORED RESEARCH \$191,738.00

Industrial and Other Sponsored Research and Development

\$280,509.00 - Fifty sponsors for 55 development projects under the direction of six engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$60,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Peoria, Illinois, continued support of a study on influence of flooding on corn cultivar growth and development, Department of Agronomy, to June 30, 1984. (Contract No. 58-519-B-1-1109)

\$7,000.00 - Grants Administration Management Office, Science and Education Administration, U. S. Department of Agriculture, North Central Region Pesticide Impact Assessment Program, Washington, D. C., support of a study on applicator and follow-up worker exposure to selected pesticides after high- and low-volume applications in greenhouses, Departments of Entomology and Plant Pathology, April 1, 1982 to March 31, 1983.

\$2,000.00 - National Park Service RMRO, Denver, Colorado, support of a study on forest responses to anthropogenic stress in the Cuyahoga Valley National Recreation Area, Laboratory for Environmental Studies, July 15 to December 31, 1982. (Contract No. P. O. PX 2000-2-0874)

TOTAL - FEDERAL CONTRACTS/GRANTS \$ 69,000.00

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial Contract/Grant

\$18,000.00 - Ross Laboratories, Columbus, Ohio, support of a study on protection of germfree pigs against a heterologous strain of *E. coli* by "immune" bovine colostrum, Department of Veterinary Science, April 1, 1982 to March 31, 1983.

Gifts

\$13,700 from FMC Corporation, Princeton, New Jersey
\$ 7,000 from Ohio Pork Producers Council, Westerville, Ohio
\$ 6,000 from Domain, Inc., New Richmond, Wisconsin
\$ 6,000 from Ohio Foundation Seeds, Inc., Croton, Ohio
\$ 5,400 from Hybrid Turkeys Ltd., Kitchener, Ontario, Canada

TOTAL - GIFTS **\$ 38,100.00**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$192,462.00 Kaplan Halpert Foundation, Inc., Columbus, Ohio, for Jack M. George Fund.

\$ 54,111.88 Louise Orr Scott Foundation, Columbus, Ohio: \$40,583.91 for William Craig Orr and Mary Black Orr Scholarship in Medicine and \$13,527.97 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy.

\$ 34,498.82 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

\$ 30,000.00 Ohio Seed Improvement, Dublin, Ohio, for Special Events.

\$ 27,357.72 University Eye Surgeon, Inc., Columbus, Ohio, for Eye Bank Fund.

\$ 20,877.48 Seward Schooler, Coshocton, Ohio: \$15,000.00 for Reese Arthritis Research Fund; \$3,750.00 for Presidents Club Special Fund; \$1,000.00 for OSU National Merit Scholarship Fund; \$1,000.00 for Student Athlete Grant-in-Aid Fund; \$127.48 for Special Projects Fund.

\$ 19,922.25 Sisa, Inc., Cambridge, Massachusetts, for Pharmacology Development Fund.

\$ 19,611.70 Retinal Consultants, Columbus, Ohio: \$17,092.97 for Retina Research Fund and \$2,518.73 for Ophthalmology Photography Fund.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 18,000.00	American Society Hospital Pharmacists Research and Education Foundation, Bethesda, Maryland, for Critical Care Fellowship.
\$ 16,671.88	William Havener, Columbus, Ohio, for Ophthalmology Teaching Fund.
\$ 16,200.00	Dow Chemical USA, Midland, Michigan: \$7,000.00 for Soil Fertility Research; \$5,000.00 for Dow Lecture Program; \$3,000.00 for Dow Research Fellowship Fund; \$1,200.00 for Soy Bean Production.
\$ 15,000.00	Huntington National Bank, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 15,000.00	Porter, Wright, Morris & Arthur, Columbus, Ohio, for Joseph S. Platt-Porter, Wright, Morris and Arthur Fund.
\$ 14,400.00	Trust Under the Will of Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.
\$ 10,000.00	Michaels Finer Meats, Columbus, Ohio, for Student Athlete Grant-in-Aid Fund.
\$ 9,300.00	Union Carbide, New York, New York: \$6,000.00 for Agronomy Weed Research Fund; \$3,000.00 for Professorship in Plant Protection; \$300.00 for Horticulture Weed Control Research Fund.
\$ 8,240.00	Standard Oil Company, Cleveland, Ohio: \$7,500.00 for Agriculture Research Fund; \$340.00 for Student Athlete Grant-in-Aid Fund; \$200.00 for Cancer Research Center; \$150.00 for undesignated purposes; \$50.00 for Friends of the Libraries.
\$ 7,675.00	Sterling Drug, New York, New York, for Reye's Syndrome.
\$ 7,500.00	Steers, Needham Harper, New York, New York, for WOSU Support Fund.
\$ 7,104.01	Robert Ewing, Monroe, Michigan, for College of Medicine Progress Fund.
\$ 7,000.00	Oncology, Inc., Columbus, Ohio, for Cancer Research - Dr. Minton.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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| \$ 7,000.00 | Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemistry Fund. |
| \$ 6,034.00 | Donald Shackelford, Gahanna, Ohio: \$1,667.00 for College of Medicine Progress Fund; \$1,667.00 for Tzagournis Research Fund; \$1,666.00 for Faculty Seminar-Medicine; \$1,000.00 for Student Athlete Grant-in-Aid Fund; \$34.00 for Friends-Special Events. |
| \$ 6,000.00 | Duriron Company, Inc., Dayton, Ohio, for Mars G. Fontana Endowment Fund. |
| \$ 5,800.31 | Ford Motor Company Fund, Dearborn, Michigan: \$3,500.00 for Presidents Club Special Fund; \$1,045.31 for College of Administrative Science Fund; \$600.00 for undesignated purposes; \$200.00 for Engineering College Special Fund; \$160.00 for Glenn W. McCuen Scholarship; \$100.00 for Ag-Econ Fund; \$100.00 for Women Engineers; \$50.00 for Agriculture Engineering Support Fund; \$35.00 for Friends of Orton Hall; \$10.00 for Student Athlete Grant-in-Aid Fund. |
| \$ 5,495.07 | Lions Eye Research, Columbus, Ohio, for Lions Club Blind Research. |
| \$ 5,046.83 | Paul A. Weber, M.D., Inc., Columbus, Ohio, for Glaucoma Research Fund. |
| \$ 5,000.00 | Grand Aerie, Eagles Fraternal Order, Columbus, Ohio, for Eagles Fund-Cardiology. |
| \$ 5,000.00 | Charlotte Huck, Columbus, Ohio, for Education 75th Anniversary Campaign. |
| \$ 5,000.00 | Mid America Community Hospital Association, for College of Medicine Progress Fund. |
| \$ 5,000.00 | Estate of Donald Power, Galloway, Ohio, for Tzagournis Research Fund. |
| \$ 5,000.00 | Webster Foundation, Inc., Tiffin, Pennsylvania, for Cullman Business Policy Fund. |

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$349,000.00	Battelle Memorial Institute Columbus, Ohio	Subsonic Wind Tunnel
\$ 80,000.00	Ralston Purina St. Louis, Missouri	Electronic Automatic Dispersive Spectrometer
\$ 27,200.00	John Du Pont Newton Square, Pennsylvania	A large folio of original Milton Caniff drawings
\$ 23,095.00	Toledo Scale Company Westerville, Ohio	Computer equipment
\$ 18,000.00	Design, Inc., Advance Electronics Sunnyvale, California	Computer graphics display hardware
\$ 11,330.00	Sheila Oscar Chicago, Illinois	Nine antique maps
\$ 9,000.00	David Evans Salt Lake City, Utah	PS300 Evans & Sutherland Computer Graphics System
\$ 7,446.00	Clyde Cooper Columbus, Ohio	438 glass mounted slides of parasites; 302 slides of mounted specimens of parasite helminths; 6,600 specimens of camallanus oxycethalus

Establishment of Named Funds

The James W. Overstreet Chair in Cardiology Fund

The James W. Overstreet Chair in Cardiology Fund was established September 3, 1982, by the Board of Trustees of The Ohio State University with grants to The Ohio State University Development Fund from the James W. Overstreet Fund of The Columbus Foundation, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide salary and program support for the work of a distinguished cardiologist. Appointment to the Overstreet Chair will be recommended by the Dean of the College of Medicine after consultation with Dr. Joseph M. Ryan while on the regular faculty, and approved by the Vice President for Health Services, the President, and the Board of Trustees.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The James W. Overstreet Chair in Cardiology Fund (contd)

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for cardiovascular medicine.

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture

The Paissiy Endowed Professorship in Bulgarian Civilization and Culture was established September 3, 1982, by the Board of Trustees with a gift to The Ohio State University Development Fund from the Ministry of Education of the People's Republic of Bulgaria. The Professorship is named in honor of the outstanding scholar of the Bulgarian Renaissance--Paissiy Hilandarski/Paissiy of Hilandar.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The appointment shall be in the Department of Slavic and East European Languages and Literatures in accordance with the rules and procedures of the College of Humanities of The Ohio State University and in keeping with the Agreement between the Ministry of Education of the People's Republic of Bulgaria and The Ohio State University signed in Sofia, Bulgaria, on May 4, 1982 by Leon I. Twarog, Chairman, Department of Slavic and East European Languages and Literatures (for The Ohio State University), and Panka Babukova, First Vice Minister of Education (for the Ministry of Education of the People's Republic of Bulgaria). The Agreement was endorsed by Richard D. Jackson, Vice President for Business and Finance, on June 4, 1982, as the official university signer.

Should the need for this fund cease to exist or so diminish as to provide unused income, the terms of the original agreement may be changed by mutual agreement of the two sides as stipulated in Item 12 of the Agreement.

The John Scott and Della Errington Memorial Scholarship Fund

The John Scott and Della Errington Memorial Scholarship Fund was established September 3, 1982, by the Board of Trustees with gifts to The Ohio State University Development Fund from Thomas H. Hisrich, J.D. '66, in memory of John Scott and Della Errington, Tippecanoe, Ohio.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The John Scott and Della Errington Memorial Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for College of Agriculture and Home Economics students who are residents of Tuscarawas County. Two-thirds of the annual income is to benefit students in the Department of Animal Science. One-third of the annual income is to benefit students in the Department of Human Nutrition and Food Management. The selection of the recipient(s) is to be made upon the recommendation of the University Scholarship Committee in cooperation with the Dean of the College of Agriculture and Home Economics and the Director of the School of Home Economics.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for agricultural and home economics education.

The Alga D. "Peg" Weaver Honor Scholarship in Home Economics

The Alga D. "Peg" Weaver Honor Scholarship in Home Economics was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to the Development Fund from Alga D. "Peg" Weaver, her family and friends.

All gifts are to be invested in the University's Permanent Endowment Fund under rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income will be used to support undergraduate honor scholarships for students enrolling in education programs administered by the School of Home Economics. Scholarships will be awarded by the Office of Student Financial Aids based upon recommendations of the Honors Committee within the School of Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given from the recommendations of the Director of the School of Home Economics or from the appropriate administrative official of the University who is then responsible for study related to the field of home economics.

September 3, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Stanley W. Joehlin Award in Agricultural Engineering

The Stanley W. Joehlin Award in Agricultural Engineering was established September 3, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Stanley W. Joehlin, B.S.Agr.E. '60 and M.S. '60.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide an award to one or more graduate students who have interest in improving the quality of resident instruction in agricultural engineering. The award(s) is to be restricted to a U. S. citizen. If no student is considered eligible, the award need not be presented. The determination of the type and amount of award(s) to be administered annually shall be made by a committee composed of a representative of the donor, the Chairman of Agricultural Engineering, and one other Agricultural Engineering Department Faculty Member acceptable to the donor and chairman. The selection of the recipient(s) is to be made by a committee composed of the Chairman of the Department of Agricultural Engineering and two other faculty members of that department.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Department of Agricultural Engineering.

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PLANS AND SPECIFICATIONS

Resolution No. 83-23

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President has recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS

Project:	Remove all sealant from all masonry openings and reseal with an elastomeric sealant.
Funding:	Local, Contract Repair, 1982-83
Estimated Project Cost:	\$24,000.00

September 3, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-24

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

ENERGY MODIFICATIONS - PRINTING FACILITY (ECM 5)

Description: Energy conservation measures consisting of air volume reduction, HVAC control revisions, variable air volume conversion and vestibule for the main entrance to the Printing Facility. This project is a continuation of energy conservation at The Ohio State University and will result in a payback of expenditures in two years, eleven months.

Mechanical Contract

Date Received: July 28, 1982

No. of Bids: 4

September 3, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

ENERGY MODIFICATIONS - PRINTING FACILITY (ECM 5) (contd)

Mechanical Contract (contd)

Low Bid:	\$ 87,900.00*
High Bid:	\$ 92,200.00*
Estimate of Cost:	\$ 91,000.00*
Awarded to:	Limbach Company
Total Contract:	\$ 87,900.00
Total Contingency Allowance:	\$ 3,496.12
Total Project Cost:	\$105,770.00
Funding:	Local University Funds and Federal Grant

**MANSFIELD CAMPUS
REPAIR OF WEST CAMPUS ACCESS DRIVE**

Description: Restore deteriorated roadway to a functional pavement by reinforcing the weak base sections, resloping, modifying drainage and resurfacing the west access road to the Mansfield Campus from Lexington Springmill Road.

General Contract

Date Received:	July 13, 1982
No. of Bids:	3
Low Bid:	\$31,482.80
High Bid:	\$37,812.50
Estimate of Cost:	\$31,900.00
Awarded to:	Mansfield Asphalt & Paving
Total Contract:	\$31,482.80
Total Contingency Allowance:	\$ 1,978.42 which is 6 per cent of construction contracts
Total Project Cost:	\$42,900.00
Funding:	Amended Substitute House Bill 552 (Branch Campuses Utilities and Renovations)

*Recommended alternate reflected in these figures.

September 3, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**PURCHASE OF PROPERTY - OCLC FACILITIES
1125 KINNEAR ROAD, COLUMBUS, OHIO**

Resolution No. 83-25

Synopsis: Authorization to purchase property at 1125 Kinnear Road, Columbus, Ohio, is requested.

WHEREAS the County Commissioners of Franklin County own property at 1125 Kinnear Road in Columbus, Ohio, consisting of approximately six acres with five commercial and office buildings having a total of approximately 80,204 gross square feet, which property has been operated by OCLC, Inc.; and

WHEREAS this property has been appraised at values of \$3,200,000.00 and \$3,300,000.00; and

WHEREAS the University has been presented with the opportunity to purchase this property for \$3,050,000.00; and

WHEREAS the University has a need for expanded space for University computing operations and the appropriate University offices have determined that these facilities can be utilized to meet this need and that the purchase of this property is in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to purchase, in the name of the State of Ohio for the use of The Ohio State University, the OCLC facilities at 1125 Kinnear Road at a price of \$3,050,000.00 and upon such terms and conditions as are deemed to be in the best interest of the University.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 3, 1982 meeting, Board of Trustees

**SALE OF PROPERTY - 116.2 ACRES (HENDERSON FARM)
PLEASANT TOWNSHIP, FRANKLIN COUNTY, OHIO**

Resolution No. 83-26

Synopsis: Sale of the University's interest in the remaining 116.2 acres of the Henderson Farm in Pleasant Township of Franklin County is proposed.

WHEREAS pursuant to the Last Will and Testament of Dr. Roger C. Henderson, this Board acquired an undivided one-half interest in a 227.7 acre tract of real property known as the Henderson Farm located in Pleasant Township, Franklin County, Ohio, which real property is more particularly described in the Certificate of Transfer issued by the Greene County, Ohio, Probate Court on February 24, 1981, and recorded in Official Records Volume 626, pages C09 through C11, both inclusive, Recorder's Office, Franklin County, Ohio; and

WHEREAS on March 2, 1981, Margery W. Henderson, as grantor, and the Treasurer of The Ohio State University, as Trustee, entered into a Charitable Remainder Annuity Trust Agreement pursuant to which Margery W. Henderson gave, assigned, and conveyed to the Treasurer the remaining undivided one-half interest in the Henderson Farm (together with other personal property described in the Trust Agreement); and

WHEREAS pursuant to previous authorization from this Board, the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District has purchased a 111.5 acre portion of the Henderson Farm for \$228,591.40; and

WHEREAS the Board of Park Commissioners has submitted an offer to purchase the remaining 116.2 acre portion of the Henderson Farm for \$255,600.00 (\$2,200 per acre); and

WHEREAS it is the desire of this Board to accept the offer of the Board of Park Commissioners and sell all of this Board's right, title, and interest in and to the 116.2 acre portion to the Board of Park Commissioners; and

WHEREAS the Treasurer, as Trustee, has agreed to this sale and authorized the University to proceed on his behalf; and

WHEREAS the University and the Treasurer, as Trustee, are in mutual agreement as to the selling price:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to sell, in the name of the Board of Trustees of The Ohio State University, all of the University's right, title, and interest in and to the remaining 116.2 acre portion of the Henderson Farm to the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 3, 1982 meeting, Board of Trustees

**EASEMENT - OHIO BELL TELEPHONE COMPANY
POMERENE FOREST LABORATORY, COSHOCTON COUNTY, OHIO**

Resolution No. 83-27

Synopsis: Authorization to grant an easement to the Ohio Bell Telephone Company is requested.

WHEREAS the Ohio Bell Telephone Company has requested an easement across approximately 1,462 feet of Ohio Agricultural Research and Development Center land located at the Pomerene Forest Laboratory in Coshocton County to permit them to lay a buried telephone cable so that they can furnish service to OARDC and areas surrounding OARDC property; and

WHEREAS this line will be located so as not to interfere with any OARDC operations and will result in the removal of existing poles; and

WHEREAS the Ohio Bell Telephone Company will pay the University \$5.00 per lineal rod (approximately \$443.00) for this easement; and

WHEREAS the appropriate University agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

President Jennings:

The Committee also heard a recommendation to grant an easement to the Ohio Bell Telephone Company in the Pomerene Forest Laboratory, Coshocton County, Ohio, recommended that the Vice President for Business and Finance be authorized to complete that transaction. It is recommended for your approval, and I am requesting that the record reflect that the President of the University was not involved in any of the decisions regarding that issue.

The motion was made by Mr. Havens and seconded by Mr. Hilliker.

Mr. Smith: Any questions?

Mr. Scott:

Mr. Chairman, the President has recommended that the words as noted in this resolution be amended to read:

September 3, 1982 meeting, Board of Trustees

**EASEMENT - OHIO BELL TELEPHONE COMPANY
POMERENE LABORATORY, COSHOCTON COUNTY, OHIO (contd)**

Mr. Scott: (contd)

That the Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Mr. Havens, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution as amended by unanimous roll call vote.

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**EASEMENT - VILLAGE OF DUBLIN
EITERMAN ROAD, FRANKLIN COUNTY, OHIO**

Resolution No. 83-28

Synopsis: Authorization to grant an easement to the Village of Dublin is requested.

WHEREAS the Village of Dublin has requested an easement approximately 752 feet in length across University land on Eiterman Road in Franklin County to permit them to extend a sanitary sewer line; and

WHEREAS the Village of Dublin will pay the University \$375.00 for this easement and grant the University tap rights at three locations on the sewer line; and

WHEREAS the appropriate University agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to develop the legal instruments necessary to finalize this easement upon terms and conditions mutually agreeable to the University and the Village of Dublin.

Upon motion of Dr. Jacob, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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September 3, 1982 meeting, Board of Trustees

**LEASE OF ANTENNA AND BUILDING SPACE
TO COMMERCIAL RADIO INSTITUTE, INC.**

Resolution No. 83-29

Synopsis: Authorization to lease antenna and building space to Commercial Radio Institute, Inc., is requested.

WHEREAS the Board of Trustees of The Ohio State University owns a 46-acre site at 6680 State Route 3 in Westerville, Ohio, on which site is located the transmitter facility and antenna tower for WOSU-TV; and

WHEREAS WOSU-TV plans to acquire a new transmitter in 1984-85 and to avoid interruption in service will construct, with non-appropriated funds, a new building in which to house the transmitter; and

WHEREAS Commercial Radio Institute, Inc. (CRI), of Baltimore, Maryland, has obtained from the Federal Communications Commission a license to operate an independent commercial television station, WTTE-TV, on Channel 28 and plans to go on the air in Columbus in the spring of 1983; and

WHEREAS CRI desires to lease antenna space on the WOSU-TV tower and to lease space on the site to house their transmitter; and

WHEREAS it would be mutually advantageous to WOSU-TV and WTTE-TV to have their facilities located together; and

WHEREAS the appropriate University offices have recommended that a new building be constructed to house WOSU-TV's replacement transmitter and that space in this building be leased to CRI for their transmitter, with the rent to include an appropriate return to the Endowment, and that antenna space on the WOSU-TV tower be leased to CRI:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized, on behalf of the Board of Trustees, to negotiate and enter into a lease with Commercial Radio Institute, Inc., for antenna space on the WOSU-TV tower and building space to house CRI's transmitter upon such terms and conditions as they deem to be in the best interest of the University.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

September 3, 1982 meeting, Board of Trustees

Mr. Havens presented the following resolution:

REPORT - EXPENSES FOR DESIGNATED ADMINISTRATIVE OFFICIALS

Resolution No. 83-30

Synopsis: Approval for reimbursement of expenses for designated administrative officials is requested.

WHEREAS the Fiscal Affairs Committee has authorized the payment of expenses for designated administrative officials; and

WHEREAS it is deemed in the best interest of the University for the Fiscal Affairs Committee to provide from the unrestricted gifts to the University Endowment Fund on an appropriate basis, to the President and designated University officials, reimbursement for expenditures which are directly and necessarily related to the performance of their assigned responsibilities and in the best interest of the University:

NOW THEREFORE

BE IT RESOLVED, That the Fiscal Affairs Committee be authorized to provide reimbursement to designated University officials from unrestricted gifts to the University Endowment Fund.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-31

RESOLVED, That the report on the University's Investment Portfolio, dated August 20, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, October 1, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 1, 1982

The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

October 1, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 12:00 noon. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J Smith, Chairman, John D. Jacob, John F. Havens, John W. Berry, and Shirley D. Bowser.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mr. Smith: Mr. President, would you please proceed with your agenda.

PRESENTATION--A DIRECTORY OF RESEARCH AND DEVELOPMENT RESOURCES AT THE OHIO STATE UNIVERSITY

President Jennings:

Yes, Mr. Chairman, I'd like to call on Dr. Garland and Dr. Adams to describe to you a booklet recently published by Ohio State called *Partners for Strength* and like for them just to describe that and describe some of their activities--Jim.

Dr. Garland:

Well, as a major research institution, Ohio State has always had the responsibility to serve the needs of the State of Ohio and of the nation as a whole. I think we all realize that this need is heightened today by our depressed economy and by the unprecedented unemployment in the state. One of the solutions to this problem--perhaps one of the only solutions--is to try to change the focus in this state away from a manufacturing base into a high-technology base. Part of the difficulty at Ohio State in making our resources available to the citizens has been a communication problem. Ohio State is so large and so diversified--it's a literally comprehensive institution--that we have found it difficult to explain to people what we were doing and what our capabilities were.

About a year and a half ago, Dr. Adams undertook to prepare a directory of research and development resources at Ohio State, and this directory has just come off the presses in the past week, so I thought it would be appropriate for him to tell you a little bit about its background.

Dr. Adams:

I don't think I will go into the history, the background that much. I know you have a lot of other important things to do, but as we've been worrying more and more lately about extending further our relationships with business and industry, I think we've all become very sensitive to the point that Jim just made that when a businessman or a person running an industry needs help of some sort from a university, he doesn't know where to go, and he doesn't know who to call--it's like a big complex jungle as you people well know, and if he goes into the wrong

October 1, 1982 meeting, Board of Trustees

**PRESENTATION--A DIRECTORY OF RESEARCH AND DEVELOPMENT
RESOURCES AT THE OHIO STATE UNIVERSITY (contd)**

Dr. Adams: (contd)

place, he gets the wrong answer and he hates us forevermore, and says that place doesn't love us and doesn't try to help us and so forth. We decided that since we publish bulletins of courses every quarter for the students so they know which course is going on, where and when and who's teaching it and so forth, that it might not hurt to do the same kind of thing for business and industry, and that is what we have tried to do here. In effect, this is simply a guide to what the University does primarily in industry and in its principal services available for business and industry. It lists in the first section (there are three sections of it) the general areas, the general resources we have in research and services.

In the second section--the one I like best, the light blue--that's a list of almost ninety research centers and laboratories. In each case, the description tells the person who may have an interest or a need what the facilities are, what strange things that center can do that no one else in the world can do. And down at the bottom, there's a person's name and a telephone number, and I hope the index would help them find that. And up in the front of this thing is the telephone number of the Vice President for Research and University Business Relations. In other words, we hope that this becomes a kind of yellow pages, if you will, for OSU for people who need help so that they can find their way in here quickly and get the answer from the expert they're after, and if they can't, then they talk to the Vice President and he's got the book, he knows everything. That's about the size of what I have to say, Mr. President.

President Jennings:

Well, thank you, Art. This we hope will emphasize what we are best capable of doing. I might add, whether it's business and industry or any other organization interested in research capabilities at Ohio State, you'll see that the great bulk of the activity, I hate to use the words, but is involved with basic research is what Ohio State does best, that is defined very differently from department to department and college to college, but it does represent, I think, quite an accomplishment to compile from this massive institution. This is a condensed version, I might add, of this--I think the original information was a stack about this high and--is a condensed version, so there is a good deal of abbreviation, etc.

Dr. Adams:

May I add just one point--we do intend to get this out across the country to our alumni and friends, to some of the important business concerns in the country, and closer to home, to our own friends in the Chambers of Commerce in the city, the state, and so forth. And inside, now that we actually can tell ourselves what we do on this campus and how much we do, we'll pass it around here and try to impress ourselves with it.

--O--

October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL

President Jennings:

Knowing full well we don't need to impress ourselves as one of the great--the greatest--public institutions in the country, members of the press, I would now like to call on Dr. Tzagournis to present to you some of the detailed plans and operations that should and will truly recognize Ohio State University as the world's leading cancer research center in the world--we are now, but this will improve that very substantially. Manuel.

Dr. Tzagournis:

Thank you--Mr. President, Board members. I think you have heard from me sufficiently already so I would like to call on one of our distinguished faculty members in cancer to do the subsequent introductions--it is Dr. Art James who was a former president of the American Cancer Society and has chaired the faculty group in the planning of this cancer hospital and institute. Art.

Dr. James:

Thank you, Manny. Mr. President and members of the Board. I can't tell you how pleased I am to think that the idea of a cancer hospital has finally materialized to the point that the elements of an operational plan are to be presented to you this afternoon. As you well know, this has been a long time in coming. There was much work done on this in the early 60's and in 1962, for example, the *Columbus Dispatch* carried an article announcing the planning of a 100 bed cancer hospital and it was interesting that at that time this institution was to cost \$2.5 million--we should have built it then.

Then in 1977 the *Citizen Journal* announced that we were planning a 200 bed cancer hospital and those of you--many of you will remember that. But at any rate, things have finally jelled, and we are on our way and it is extremely gratifying to realize that we are going to have a first-class cancer hospital on our campus. Now this will be a very unique institution. It will be so designed, so staffed and so equipped that it will compete very favorably with the leading cancer hospitals in this country--Sloan-Kettering, Roswell Park and M. D. Anderson--and it still will be a very integral part of the University medical center. I am sure that one day it will be considered one of the better accomplishments for Ohio State University.

To get this going, a preliminary program of requirements was first drawn up. Part of this information came from the medical planning group that was engaged by a long range planning committee for the medical center and part through personal visits to cancer institutions. The program was reviewed and supplemented by the committee on cancer and its many subcommittees and there were about 50 faculty members that took part in these subcommittee reports. In addition the architects held over 100 meetings to other faculty members and other personnel so that all in all the input has been from a tremendous number of faculty and

October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Dr. James: (contd)

people. Presentations were made at faculty meetings and to the Committees of the Hospitals Board and then after many meetings with the architects an operational plan has been developed and this has been presented to the Committees of the Board and has been approved by the Executive Committee of the Board and is to be presented to you for your consideration at this time by the architect. Our architectural firm is Bohm--NBBJ, and seated back here representing them is Mr. Jack Pettit, who is the Chief Architect and Vice President; and John Currie, who is Director of Medical Facilities Planning; and its President, Mr. Friedl Bohm, who will make the presentation.

Mr. Friedl Bohm:

Thank you, Art. When we look at the basics of this profile of the Cancer Institute Hospital it is very obvious--what we are looking at is at a program that on the one side wants to be a major part of the medical center of OSU at the same time also be independent in terms of its leadership in patient care, its leadership in terms of research, and its leadership as a teaching institution for physicians. If we look at the separation between the basic services offered and the clinical disciplines offered or represented, you can see a separation in the clinical disciplines in terms of the medical oncology, the surgical oncology, radiation therapy and the pathology as being the four major areas and then broken down in a series of different services.

I think it is interesting when one looks at some basic numbers in terms of how many people will be served by the institution and what service will be provided by the institution. In an oversimplified way we can break it down into outpatients and inpatients. The outpatient total work load, and I am not sure if it is legible on the bottom of that sheet, is around 66,000 outpatients per year that will be treated in the mid 80's when the cancer unit is in full operation, which comes to approximately 250 outpatients per day being treated within the facility.

On the other side when we look at the inpatient, we are looking at a need--initial need--of 160 beds which will increase over a period of 8 to 10 years to approximately 220 beds. When Art talked about comparison between The Ohio State University cancer research institute and on the other side the M. D. Anderson, Sloan-Kettering, it is probably good to look at comparison of patient group and a comparison of patient work load between M. D. Anderson and Sloan-Kettering, and if we used the 1980-81 figures of Sloan-Kettering and the 1981-82 figures of M. D. Anderson and the projected mid 80's figures of OSU Cancer Institute, you will see that the numbers at OSU sit right in the middle between those of M. D. Anderson and those of Sloan-Kettering. So our projection of outpatient visits per hospital admission and our projection of outpatient visits per bed are actually higher than Sloan-Kettering's, a little bit lower than M. D. Anderson. I think that gives us a good feeling as to where we sit with our projections.

October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Mr. Friedl Bohm: (contd)

The objective of the Cancer Institute Hospital is to provide facilities for research, teaching, and for patient care. The base of the hospital is obviously always patient care. We have approximately 55 percent of the space dedicated for patient care; about 18 percent of research in patient care; about 14 percent for research; and about 8 percent for teaching and conference facilities.

If we look at the total space program, the Institute Hospital has a total space need of approximately 200,000 square feet--actually, exactly 196,000 square feet. And in addition to it, the space need for the Radiation Therapy Facility is 31,000 square feet.

One of the early elements that have impelled all the programming was really an analysis of the site definition--where should the hospital happen, and the recommendation is to locate it directly east of University Hospital in the area that is designated by the red circle. For orientation purposes, you can see the drive up to Rhodes Hall about the center of this picture and the large block in the middle of the picture is the total University Hospital and the red circle there on the east side of the University Hospital.

One of the difficult things when we look at a site and the ability of a site handling such a complex institution that has to accommodate visitor traffic, has to accommodate inpatient traffic, has to accommodate outpatient traffic, service traffic, and staff traffic is really to find a way of fitting it within the campus plan within the campus as is. In an oversimplified way, the proposed traffic flow to the facility works the following--our major traffic flow happens and will happen in the future north and south on Cannon Drive whichever way Cannon Drive ties into the overall circulation network. From there the drive will go up in a circle back and front of Rhodes Hall and actually the access to the Cancer Institute Hospital is this, a little blue line, the secondary loop that comes off the main loop that goes to Rhodes Hall, the brown area depicting the location of the new facility. There is a secondary access for outpatient and for radiation therapy patients which would come up and down Twelfth identified in the green arrows on the drawing that you can see up there.

The Institute Hospital ties into University Hospital, ties into Rhodes Hall, will use as many of the functions that are already in place as possible--at the same time will create its own identity. It will also tie into the existing traffic network and use the existing proposed parking structures. Right now we have a parking garage on Ninth which is on the bottom of the picture within two block access of the Hospital. There is another parking garage on Eleventh to the east just across Neil, again, in direct, visible contact with the proposed hospital, and a garage planned on the north side of Twelfth which will have direct access to the hospital.

October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Mr. Friedl Bohm: (contd)

In a little bit closer proximity, you can see in light brown how the building fits between the dental building to the north and the optometry building to the south, the blue arrows depicting a basic traffic concept with the building on the lowest floor connecting directly into University Hospital, connecting into the Materials Handling System, connecting into the total circulation of University Hospital with a patient access for radiation therapy patients coming in from the north from Twelfth Avenue, tying directly into the total circulation of the hospital which will basically have three ways of vertical circulation--one for visitors, one for in-house use, and one for materials handling.

On the ground floor, the entrance floor, on the right-hand side of this light brown area, the blue arrows depict the public entrance of an entrance loop into a lobby; public elevators going up and down the building, the green arrow on the left-hand side depicts the present inpatient pickup area of University Hospital which will become in the future the major inpatient area for dropoff and pickup for both the University Hospital and the Cancer Institute Hospital. We will also have to build a dropoff for outpatients within that loop; and then four stories develop on top of that first floor with the subsequent stories above being patient floors--four patient floors on the top of it, a series of laboratory floors. There is a separation between basically two buildings--on the one side, the Cancer Institute Hospital and that sliver really between the bare bar you see there and the dental building--being two stories of the radiation therapy building.

It might help just to look at a couple of quick slides of a stacking diagram that gives you a feeling how the new facility fits into the site. This is actually a cut through the site with everything that's below the gray line around the building being underground, with the blue and yellow lines and black line are tunnels and underground utilities. And you can see are the ground floor, the basement floor fits into the gray area being the base of the Cancer Institute Hospital tying into the base of University Hospital, the yellow area being the radiation therapy portion of the building.

You can see now the ground floor, the potential access area in front, the circulation going around it, and then the first floor of the Cancer Institute Hospital with the light yellow in the back being radiation therapy, the darker yellow in front being public entrance areas and part of the clinical space. The floor above will all be clinical space, again, directly tying into the second floor of University Hospital; the third floor would be the bone marrow floor; the fourth floor becomes the surgical floor--that ties again into the fourth floor which presently in Rhodes Hall is the surgical floor of University Hospital complex. The fifth and the sixth floor of the new facility would be mechanical floors servicing the building in both directions, and then starting at the seventh floor, the seventh and eighth and the ninth floor and the tenth floor all being patient floors of the Cancer Institute Hospital, we have by three of those four floors would tie directly into University Hospital, and then the eleventh floor and the twelfth floor of the facility will be laboratories based again on top of the building, obviously, with them being capped off with the roof.

October 1, 1982 meeting, Board of Trustees

PRESENTATION--CANCER INSTITUTE HOSPITAL (contd)

Mr. Friedl Bohm: (contd)

If you look in a section on the left-hand side, the gray area depicts University Hospital; on the right-hand side a section through the Cancer Institute Hospital, you can see that most floors have direct connections between University Hospital and the proposed new hospital.

When we look at future expansion, if ever, the optometry building might not be there. There's an ability to expanding the facility to the south. There's an ability to expanding radiation therapy and other areas within the hospital.

And last but definitely not least, a little drawing that shows the on-ground pedestrian circulation, the tie-in of the Cancer Institute Hospital as a part of the total campus complex, an arcade going around the building that really connects from the dentistry building all the way to the front of Rhodes Hall and really accommodates the pedestrian flow, that's a pretty important way of circulating within that part of campus at this time and hopefully also in the future. And this is really kind of a summary of the last six months of work on the project.

President Jennings:

That's first of all amazing that when you made that presentation to the Hospital Board--to summarize it that well--what was about an hour and a half presentation to the University Hospitals Board was going from there. As a result of that, on the recommendation of the Hospital Board, we are asking for a variety of recommendations from the Board so that we can go on with that. That is included in your Board documents in special reports. Do you have something else?

--O--

ARCHITECT'S PRESENTATION--ARTHRITIS AND GERIATRICS CENTERS

Dr. Tzagournis:

Yes, we have just another brief presentation on the site of Geriatrics and Arthritis Centers.

President Jennings:

The first item in your Board report is the location of Arthritis and Geriatrics and we'll pick up on that and then go into the cancer things.

Dr. Tzagournis:

The presentation on the site of Arthritis and Geriatrics will be given by Mr. Carmichael, architect--Mr. Carmichael.

October 1, 1982 meeting, Board of Trustees

ARCHITECT'S PRESENTATION--ARTHRITIS AND GERIATRICS CENTERS (contd)

Mr. Carmichael:

Ladies and gentlemen. In the process of selecting a site for the Arthritis/Geriatrics Center, there were seven different locations that were considered--Sites 2, 3, 4, and 5 were rejected for reasons of size, circulation, or prior assignment to another project as in the case of number 5. Sites 1 and 6 were studied in some depth, presented to the Review Committee and rejected for reasons of congestion, inconvenience or cost. Site number 7 in the Dodd Hall area was the one that seemed to offer the greatest promise for development and the one that we are presenting today.

Our proposal is located in the immediate, adjacent vicinity of Dodd Hall to the south; is also in close proximity to the intersection of the new off-ramp from 315 coming east and the relocated Cannon Drive. Access to this site is by a return loop that is located as far east on Eighth Avenue as possible in order to minimize the problem of backup traffic from this signal light.

The topography of this site lends itself quite well to a provision for ground-level parking as shown in this drawing with 65 cars approximately parked there. The only building element at this level is a small reception control area with vertical circulation elevators to the floors above. These drawings that you see are not in any sense final design drawings, they are rather feasibility studies based upon the gross departmental areas as defined in the program, and of course, their purpose is to determine the suitability of this site for the project.

The first floor of the Geriatrics/Arthritis Center adjacent to Dodd Hall would be occupied by administrative spaces and patient treatment areas. The patient treatment areas are--the floor itself also is level with the Dodd Hall floor and connected directly to the therapy facilities of Dodd Hall, most notably occupational therapy, physical therapy, and the therapeutic pool. And it's this proximity to these features that is perhaps the most telling advantage that this site has in comparison to the others.

The second floor would be devoted to research and laboratory facilities--like the first floor, it is connected directly to the corridor system of Dodd Hall, also to the elevators which service all floors of Dodd Hall including the basement which is tied into the tunnel system and provides access for patients, staff, and services to all of the various buildings in the medical center.

This elevation sketch may serve to clarify some of the things that I have said. As you can see, the parking area is slightly depressed from the road level--it's about the same level as the playing field across Cannon Drive. The administrative and patient treatment areas would be this long elevation with exposed glass areas. This would be the laboratory and research area.

The project has a total of 41,000 gross building square feet and with the parking area at the level would require a budget as assigned of \$8 million of which about \$5,575,000 would be for direct construction. We estimate six months to complete

October 1, 1982 meeting, Board of Trustees

ARCHITECT'S PRESENTATION--ARTHRITIS AND GERIATRICS CENTERS (contd)

Mr. Carmichael: (contd)

the drawings after release to proceed plus two months for bidding and contract awards, and about a year and a half for construction--a total of two years and two months to complete the project. Do you have any questions on it?

President Jennings:

Thank you a lot. The recommendation before you is the site selection of the Arthritis and Geriatrics Center as described south of Dodd Hall--upon the recommendation of the Facilities Committee, the site designated in the proposal as recommended for location of the Arthritis and Geriatrics Center is recommended by the Executive Committee of the Hospitals Board.

ARTHRITIS CENTER AND GERIATRICS CENTER--SITE SELECTION

Resolution No. 83-32

Synopsis: The site adjacent to the south side of Dodd Hall is proposed for the Arthritis and Geriatric Centers.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the proposed site for locating the Arthritis and Geriatrics Centers--adjacent to the south side of Dodd Hall--has been recommended by the project architect, Dan A. Carmichael, AIA:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Facilities Committee, the site designated above is recommended for the location of the Arthritis and Geriatrics Centers by the Executive Committee of the Hospitals Board.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

**CANCER INSTITUTE HOSPITAL AND CANCER RADIATION
THERAPY--SITE SELECTION**

Resolution No. 83-33

Synopsis: The site adjacent to the east end of University Hospital, between Postle Hall on the north and Starling-Loving Hall on the south is proposed for the Cancer Institute Hospital and planning for Cancer Radiation Therapy.

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**CANCER INSTITUTE HOSPITAL AND CANCER RADIATION
THERAPY--SITE SELECTION (contd)**

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the proposed site for locating the Cancer Institute Hospital and planning for Cancer Radiation Therapy--adjacent to the east end of University Hospital, between Postle Hall on the north and Starling-Loving Hall on the south--has been previously endorsed by the Hospitals Board; and

WHEREAS the proposed site as designated above has subsequently been reviewed and recommended by the firm of Bohm-NBBJ, Columbus, Ohio:

NOW THEREFORE

BE IT RESOLVED, That upon the review and recommendation of the Ad Hoc Building Committee for the Cancer Institute Hospital and the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board endorses the site as designated above for the location of the Cancer Institute Hospital.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

CANCER INSTITUTE HOSPITAL TIME AND ACTION CALENDAR

Resolution No. 83-34

Synopsis: It is recommended that the contracts associated with clearing the underground utilities at the site and construction of the Cancer Institute Hospital be approved.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee recommends that the contracts associated with clearing the underground utilities at the site designated for the Cancer Institute Hospital be let and started during the calendar year 1982; and

BE IT FURTHER RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee recommends that the contracts associated with construction of the Cancer Institute Hospital be let by September of 1983.

Upon motion of Mrs. Bowser, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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October 1, 1982 meeting, Board of Trustees

CANCER INSTITUTE HOSPITAL OPERATING PLAN

Resolution No. 83-35

Synopsis: The Operating Plan for the OSU Cancer Institute Hospital is recommended for endorsement.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized; and

WHEREAS the Operating Plan for the Cancer Institute Hospital has been presented to and reviewed by the Ad Hoc Building Committee for the Cancer Institute Hospital and reported to the Hospital Facilities Committee:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board endorses the Operating Plan for the Cancer Institute Hospital and recommends planning and design proceed; and

BE IT FURTHER RESOLVED, That the Operating Plan for the Cancer Institute Hospital will be incorporated into the \$40 million allocation, and alternate plans will be developed to include Radiation Therapy.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

CANCER INSTITUTE HOSPITAL PARKING ENDORSEMENT

Resolution No. 83-36

Synopsis: A parking ramp at a site north of Twelfth Avenue, east of Wiseman Hall, and west of the Botany and Zoology Greenhouses is being proposed.

WHEREAS pursuant to paragraph (A) of bylaw 3335-97-02 of the Administrative Code, the Executive Committee has the power to transact business of the University Hospitals Board between regular meetings of the Board as authorized:

NOW THEREFORE

BE IT RESOLVED, That upon the recommendation of the Hospital Facilities Committee, the Executive Committee of the Hospitals Board recommends to The Ohio State University President that the proposed Ohio State University parking garage at a site designated north

October 1, 1982 meeting, Board of Trustees

CANCER INSTITUTE HOSPITAL PARKING ENDORSEMENT (contd)

of Twelfth Avenue, east of Wiseman Hall, and west of the Botany and Zoology Greenhouses is an essential part of the operation of the Cancer Institute Hospital.

Upon motion of Mr. Redman, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY)

Resolution No. 83-37

Synopsis: Amendments to Rules 3335-5-03 and 3335-5-48 and the adoption of Rules 3335-5-021, 3335-5-022, and 3335-5-023 of the Administrative Code are being proposed.

WHEREAS it is recognized that financial and other resources available to The Ohio State University may be limited in the future so as to necessitate reductions in University programs; and

WHEREAS the Administrative Code does not contain procedures for the reduction of University programs during periods of financial exigency, nor for the protection of tenured faculty members during such periods:

NOW, THEREFORE, BE IT RESOLVED as follows:

- (1) That the Board of Trustees of The Ohio State University amends Rule 3335-5-03, adopts Rules 3335-5-021, 3335-5-022, 3335-5-023, and amends Rule 3335-5-48 of the Administrative Code as proposed by the University Senate in its action dated June 5, 1982;
- (2) That new Rules 3335-5-021, 3335-5-022, and 3335-5-023 of the Administrative Code and those changes dealing specifically with financial exigency in Rules 3335-5-03 and 3335-5-48 shall have application only during periods of financial exigency as determined pursuant to those rules and in no way either directly or by implication modify present University rules, policies, or procedures or the University's rights presently existing at law;
- (3) That during a period of financial exigency any ambiguity between the language of these new or amended Rules and language of University Rules existing prior to this action shall be resolved in favor of the University's prior existing Rules.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

3335-5-021 Financial exigency.

- (A) Definition. Financial exigency is an imminent financial crisis which seriously jeopardizes the ability of the university as a whole to survive as an institution of excellence in teaching, research, and public service. Projections of enrollment, of instructional subsidies, and of other sources of revenues must demonstrate that the shortage of funds will be both severe and persistent and cannot be alleviated by temporary or voluntary measures, as specified in paragraph (B) (2) of this rule.
- (B) Mechanism of determination.
 - (1) In the event of an imminent financial crisis, as announced and defined by the president to the university senate, the president will solicit the recommendations of the fiscal committee, as provided for under rule 3335-5-582 of the Administrative Code, to ascertain whether a determination of financial exigency is warranted.
 - (2) The fiscal committee, acting in accordance with rule 3335-5-582 of the Administrative Code, shall have the responsibility to:
 - (a) Review the budgetary documentation of the crisis, having full access to that documentation.
 - (b) Assess whether the crisis would reduce the quality of the academic programs of the university as a whole to an unacceptable degree and would render the university unable to meet its obligations to the public.
 - (c) Ascertain the extent to which consolidation or elimination of some administrative offices and services or reductions in operating and equipment budgets would alleviate the crisis.
 - (d) Ascertain the extent to which voluntary retrenchment mechanisms, including early retirement or resignation or other economic incentive plans, would alleviate the crisis.
 - (e) Make a recommendation based upon the above considerations of the need for a determination of financial exigency.
 - (f) Report the results of its deliberations to the university senate.
 - (g) Monitor the financial condition of the university during a state of financial exigency.
 - (3) Upon receipt of the report of the fiscal committee, the university senate shall make its recommendations as to whether there should be a determination of financial exigency.

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**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (4) Upon receipt of the recommendations of the fiscal committee and the university senate, the president will notify the university community and the university senate of the administration's analysis and proposed response to the financial situation, allowing an opportunity to respond to questions and to solicit advice and opinions.
 - (5) In the event that the recommendations of the university senate and the president differ substantially on recommending determination of financial exigency to the board of trustees, recommendations of both shall be forwarded to the board, which has final responsibility for the determination of financial exigency. No further establishment of financial exigency will be required for one year at which time the full procedures must be invoked again.
- (C) Review of administration proposals for alleviating financial exigency.
- (1) Upon determination of a state of financial exigency and upon receipt from the vice president for academic affairs and provost of proposals, prepared in consultation with the college faculties, for curtailment of academic programs to alleviate financial exigency, the council on academic affairs shall review the proposals.
 - (2) For the purpose of this review, the council is to be an advisory committee to the president and is to report the results of its review both to the president and to the university senate.
 - (3) The vice chairperson of the council shall act as chairperson of the council for the review of these proposals and for the submission of results to the president and to the university senate.
 - (4) In the conduct of its review, the council is authorized to:
 - (a) Obtain explanations of the proposals or provisions thereof;
 - (b) Request or initiate changes in the proposals and seek concurrence of appropriate administrators. In the event of non-concurrence, the council will note any points of disagreement.
 - (5) All proposals are to be reviewed both individually and as a coordinated set.
 - (6) In the review, the council shall:
 - (a) Consider alternatives to those proposals which would result in involuntary termination of tenured faculty members or regular faculty members in the probationary period;
 - (b) Determine that the proposals are consistent with established educational and academic policies of the university;

October 1, 1982 meeting, Board of Trustees

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (c) Determine that there has been appropriate consultation with administrators, faculty, and students in the preparation of the proposals;
 - (d) Determine the extent to which the proposals affect the affirmative action commitment of the university;
 - (e) Determine that the proposals consider the effect upon students whose faculty advisers are reassigned or terminated and students whose field of study would be eliminated;
 - (f) Determine that the reassignment, economic incentive, and retraining provisions under rule 3335-5-022 of the Administrative Code have been considered;
 - (g) Determine that the proposals take into account the quality of relevant programs.
- (7) The council shall conduct a hearing or hearings at which appropriate administrators, faculty members, and students are invited to testify.
- (8) Within sixty days of the receipt of the proposals or such time as the president may designate, the council shall submit its report to the president and the university senate.
- (D) Ending a state of financial exigency. A state of financial exigency ends one year after determination, unless ended sooner by the board of trustees.

3335-5-022 Treatment of tenured faculty members during financial exigency.

(A) Definitions and construction.

- (1) "Academic program" or "program" means:
- (a) A college, school, department, division, or instructional unit headed by an academic administrator;
 - (b) A research or service unit (which may or may not educate students) headed by an academic administrator;
 - (c) A coherent set of courses, or program of study, which leads to an academic degree; or
 - (d) A coherent set of courses, or program of study, which does not lead to an academic degree but which serves to educate or train students (e.g., a professional certification program or a remedial program).

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (2) "Curtailed" means reduced or eliminated, while "preserved" means not eliminated.
- (3) "Tenured faculty member" means a regular tenured member of the faculty.
- (4) "Tenure initiating unit" (TIU) means the specific academic unit responsible for making the initial recommendation on a regular faculty member's tenure status as recorded on the university tenure audit list available at the office of academic affairs. For purposes of this definition, the university tenure audit list of March 12, 1982, shall be retained, except as subsequently modified in accord with paragraph (C) of rule 3335-5-14 of the Administrative Code.

(B) Involuntary termination of tenured faculty.

- (1) Hiring of faculty during financial exigency. The university shall not appoint new faculty while terminating tenured faculty appointments because of financial exigency unless a serious distortion in academic programs would otherwise result.
- (2) Preservation of tenure initiating unit. A tenured faculty member whose TIU is preserved shall not be involuntarily terminated because of the curtailment of academic programs to which the faculty member is assigned.
- (3) Administrative restructuring of tenure initiating unit. A tenured faculty member whose TIU is restructured by an administrative reorganization (e.g., by consolidation or merger with other TIU's, or by dispersal into several TIU's) shall not be involuntarily terminated for that reason. The faculty member shall be transferred to the appropriate reorganized TIU in accordance with the provisions of paragraph (C) (4) of this rule.
- (4) Reinstitution of tenure initiating unit. If an eliminated TIU is substantively reinstituted or established within a remaining TIU within three (3) years, the university shall offer to reappoint all terminated tenured faculty members at their previous ranks.
- (5) Elimination of tenure initiating unit. A tenured faculty member whose TIU is scheduled for elimination shall not be involuntarily terminated for that reason until the reassignment provision of paragraph (C) of this rule and the economic incentives of paragraph (D) of this rule have been offered to all eligible faculty members in the TIU.
- (6) Notice of termination. A termination of appointment because of the elimination of a tenure initiating unit shall become effective no sooner than one full appointment period following the expiration of the faculty member's current appointment.

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (7) Eligibility for termination compensation. A tenured faculty member who has been involuntarily terminated because of the elimination of his or her tenure initiating unit shall be entitled to accrued benefits and such compensation as authorized by the board of trustees.
- (C) Reassignment of tenured faculty members.
 - (1) Change of tenure initiating unit. If a tenured faculty member's TIU is scheduled for elimination, then the university shall offer to transfer the faculty member to any suitable authorized position in the remaining TIU's provided that a simple majority of all tenured faculty in a TIU are willing to accept the faculty member. The evaluation of the professional qualifications of the faculty member shall be made by the faculty in the new TIU, based on considerations of the faculty member's potential contributions to the needs of the program according to the prevailing standards of the new TIU.
 - (2) Reassignment to new position. A tenured faculty member whose tenure initiating unit is scheduled for elimination shall not be reassigned to another position unless that reassignment includes a change of TIU and retention of tenure. This requirement shall not preclude the possibility of employing in a non-faculty position a faculty member who has lost tenure because of resignation or involuntary termination. A faculty member shall not be obligated to accept an offer of reassignment.
 - (3) Eligibility for economic incentives. A tenured faculty member who accepts an offer of reassignment according to the provisions of paragraphs (C) (1) and (C) (2) of this rule and who voluntarily resigns from the reassigned position within six months, shall be entitled to any of the economic provisions of paragraph (D) of this rule that were applicable at the time of reassignment.
 - (4) Rate of compensation. Reassignment of a tenured faculty member to a different tenure initiating unit shall not be at a reduced rate of compensation. If reassignment necessitates a change of compensation base (e.g., conversion between nine-month and eleven-month appointments), then the change shall be calculated according to standard university accounting procedures.
 - (5) Displacement of other employees. A tenured faculty member who is reassigned to a new tenure initiating unit shall not displace an incumbent in an existing position (e.g., a tenured faculty member in a program which is curtailed shall not be assigned to a position in another TIU held by an untenured faculty member, or to a position held by an administrative and professional employee).
 - (6) Retraining of faculty. Where reassignment of a tenured faculty member according to the provisions of paragraphs (B) (1), (C) (1), or (C) (2) of this rule would be facilitated by or contingent upon a period of retraining, the faculty member shall be eligible for a reassignment training leave.

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

(D) Economic incentives and retraining programs.

- (1) Early retirement program. The university shall invoke the provisions of the Ohio state university early retirement program to facilitate the voluntary reduction of tenured faculty members in a curtailed academic program.
- (2) Reassignment training leave program. The university shall invoke the provisions of a reassignment training leave program to facilitate reassignment of tenured faculty members to other programs or tenure initiating units.
- (3) Other programs. The university shall invoke any other feasible methods to reduce by voluntary means the number of tenured faculty members in a curtailed academic program. Such methods could include a voluntary resignation program (e.g., a "buy-out" plan), among other possibilities.

3335-5-023 Appeal procedures for tenured faculty because of termination of appointments during financial exigency.

(A) Scope and construction.

- (1) A tenured faculty member who has received a notice of termination because of financial exigency shall have the right to a hearing before a faculty hearing panel.
- (2) The responsibility for presenting the formal appeal and for responding to the hearing panel's requirements at all stages rests with the faculty member bringing the complaint ("the complainant").
- (3) The determination of financial exigency or the decision to eliminate a tenure initiating unit shall not constitute grounds for an appeal.
- (4) An appeal may be made only on the basis of a complaint over the interpretation or implementation of paragraphs (B) through (D) of rule 3335-5-022 of the Administrative Code. In considering complaints over implementation of the aforementioned rules, the hearing panel shall consider only whether those individuals making the decisions followed the appropriate procedures and considered the important evidence material to a fair determination.

(B) The university senate faculty hearing committee.

- (1) Written notice of intention to appeal shall be given by the complainant within thirty days of the receipt of a termination notice. An additional thirty days will be allowed for the complainant to submit the formal appeal. The notice of intention to appeal and the formal appeal will be submitted to the vice president for academic affairs and provost and to the chairperson of the faculty hearing committee.

**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (2) In response to each notice of intention to appeal, the faculty hearing committee shall select a hearing panel of tenured faculty members according to the provisions of rule 3335-5-581 of the Administrative Code. The hearing panel shall begin its review of the case not earlier than thirty days and no later than sixty days from receipt of the notice of intention to appeal, except by mutual consent of the complainant and the chairperson of the faculty hearing committee.
- (3) The hearing panel shall conduct an investigatory proceeding in accordance with the following provisions:
 - (a) The proceeding shall not be adversarial in nature. The proceeding shall be an investigation leading to a report on whether or not those individuals making the decision followed the appropriate procedures and considered the important evidence material to a fair determination.
 - (b) The complainant shall have the right to be present at any hearing before the panel where testimony is taken concerning the complainant's case and to bring an adviser. No formal transcript of the hearing need be made unless requested by the complainant.
 - (c) The complainant shall state the case in writing and shall have the opportunity to present the case in person to the hearing panel and to offer any evidence in support of the claim.
 - (d) The person or persons responsible for the decision may be called upon by the hearing panel to demonstrate that the important and material evidence was considered.
- (4) At the conclusion of the hearing, the hearing panel shall either dismiss the complaint or support the complaint. In either case, the panel shall record its findings in writing, providing specific responses to each charge made by the complainant, summarizing the evidence and rationale which led the panel to its decision. These findings shall be reported to the administrative officer of the tenure initiating unit, to the dean of the college in which the complainant is a member, to the vice president for academic affairs and provost, and to the complainant.
- (5) The hearing panel shall recommend to the vice president for academic affairs and provost and to the president either that the complaint be dismissed or that corrective action be taken.
- (6) Within thirty days of the receipt of the panel's decision, the vice president for academic affairs and provost shall respond in writing to the hearing panel and to the complainant stating what action has been recommended and the reasons therefor.

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**ESTABLISHMENT OF RULES OF THE UNIVERSITY FACULTY (RELEASE
OF TENURED FACULTY IN CASE OF FINANCIAL EXIGENCY) (contd)**

- (7) Except for those documents received under the promise of confidentiality, all written documents and recorded testimony obtained by the hearing panel shall be made available to the complainant upon request.

(C) The president.

- (1) After receipt of the hearing panel's recommendations under paragraph (B) (5) of this rule, and the vice president for academic affairs and provost's recommendations under paragraph (B) (6) of this rule, the president shall review the matter and take whatever action is deemed appropriate.
- (2) All decisions of the president under this procedure shall be provided in writing to the hearing panel, the vice president for academic affairs and provost, and the complainant.

3335-5-03 Election of faculty and staff; tenure.*

The board of trustees shall annually appoint the president and all employees of the university not in the classified civil service, subject to the laws of the state of Ohio, and in the case of regular faculty, to the rights and protection of tenure. Tenure is a commitment by the university and may be earned by all individuals with regular faculty status subject to a probationary period. Regular faculty status is defined in rule 3335-5-19 of the Administrative Code. The protections of tenure and academic freedom extend to all levels of faculty responsibility within the university in accord with rule 3335-5-01 of the Administrative Code and are not restricted to activities identified with specific instructional, research or public service programs. Tenure is lost by formal resignation, by retirement, or may be terminated by reason of proved incompetence or grave misconduct in accordance with rule 3335-5-04 of the Administrative Code, for causes set forth in rule 3335-5-02 of the Administrative Code, or under the conditions of bona fide financial exigency, as specified in rule 3335-5-021 of the Administrative Code.

3335-5-48 Council on academic affairs.

- (H) Upon determination of a state of financial exigency, the council on academic affairs shall review the administration's proposals as provided under rule 3335-5-021 of the Administrative Code.
- (I) Reports by the council on academic affairs to the president, other than those made through the university senate, shall be made through the vice president for academic affairs and provost.

*Rule initiated by board of trustees.

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October 1, 1982 meeting, Board of Trustees

Dr. Jacob presented the following resolution:

EXPRESSION OF APPRECIATION

Resolution No. 83-38

WHEREAS, the ad hoc Faculty Committee on the Release of Tenured Faculty appointed by then Provost W. Ann Reynolds and chaired by Professor James C. Garland, extensively reviewed and analyzed the issues involving the termination of tenured faculty in the event of financial exigency; and

WHEREAS, the University Senate Steering Committee appointed a faculty and student committee known as the Select Committee for the Termination of Tenured Faculty chaired by Professor Glen H. Schmidt; and

WHEREAS, the Select Rules Committee also reviewed and analyzed the issues involving the termination of tenured faculty in the event of financial exigency and actually developed proposed rules to be followed in the event of financial exigency; and

WHEREAS, the Faculty Council recommended to the University Senate that rules be passed regarding the release of tenured faculty for reasons of financial exigency; and

WHEREAS, the University Senate on June 5, 1982 officially passed and recommended to this Board proposed rules for the termination of tenured faculty for reasons of financial exigency:

NOW, THEREFORE, BE IT RESOLVED, That the Board of Trustees officially express its appreciation to the ad hoc Committee on the Release of Tenured Faculty, the Select Rules Committee for the Termination of Tenured Faculty, the Faculty Council, and the University Senate for their diligence and thorough investigation and analysis in developing rules regarding the release of tenured faculty for reasons of financial exigency.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

President Jennings:

I would just like to also express my appreciation to the various faculty committees but to the faculty, in general. The great discussions, and this was done in a very professional way, and I think all of us owe a debt of gratitude to the faculty, in general, as well for coming forth with a solution to an enormously difficult problem. I thank all of you--and we'll never use it.

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October 1, 1982 meeting, Board of Trustees

CODE OF STUDENT CONDUCT FOR THE OHIO STATE UNIVERSITY

Resolution No. 83-39

Synopsis: The Code of Student Conduct is being proposed for adoption.

WHEREAS the current *Code of Student Rights and Responsibilities* for The Ohio State University has not been comprehensively revised for eleven years; and

WHEREAS the Council on Student Affairs and the appropriate University offices have recommended adoption of the proposed code; and

WHEREAS the proposed code has been reviewed by approved University legal counsel:

NOW THEREFORE

BE IT RESOLVED, That the *Code of Student Rights and Responsibilities* be rescinded and that the revised *Code of Student Conduct* be adopted, effective November 1, 1982.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-40

Synopsis: Amendments to Rules of the University Faculty are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed change in rule 3335-5-61 and the deletion of rule 3335-5-611 of the Administrative Code were approved by the University Senate on May 8, 1982, as follows:

3335-5-61 Committee on traffic, parking, and public safety.

(A) The committee on traffic, parking, and public safety shall consist of seventeen members as follows:

- (1) Six faculty members;
- (2) One graduate student;
- (3) One professional student;

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (4) Two undergraduate students;
 - (5) Three members of the administration, appointed by the president;
 - (6) Two staff members (eligible for only "B" parking permits) elected for three-year terms;
 - (7) The director of public safety, or designee, ex officio, non-voting; and
 - (8) The manager of the division of traffic and parking, ex officio, non-voting.
- (B) Faculty, administration, and student members shall serve for terms in accordance with rule 3335-5-46 of the Administrative Code. One-third of the faculty and one-third of the administration members shall retire each year. The committee shall elect its own chairperson from among the faculty members of the committee who shall serve in this capacity for a term of one year and for no more than one additional one-year term, if elected for a second term.
- (C) The committee on traffic, parking, and public safety shall:
- (1) Be responsible for making recommendations and hearing grievances, criticism and other testimony pertaining to public safety; recommend through appropriate administrative channels, and to the university senate, ways and means for improving traffic and parking conditions, and the administration and enforcement of traffic and parking regulations;
 - (2) Hold at least one publicized annual open hearing to receive information from interested parties with concerns about traffic, parking, and public safety;
 - (3) Hold such special hearings as the committee deems necessary when concerns about public safety, traffic, and parking arise in the university community. Reports of such special hearings will be promptly forwarded through appropriate channels and to the university senate.
 - (4) Report on its activities at least annually to the university senate. (B/T 3/5/76, B/T 3/3/78, B/T 10/1/82)

NOW, THEREFORE, BE IT RESOLVED as follows:

- (1) That the foregoing amendment to rule 3335-5-61 and the deletion of rule 3335-5-611 be adopted by the Board of Trustees for implementation and incorporation in the Administrative Code;

October 1, 1982 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (2) That except for the modifications specifically approved herein, this action amending rule 3335-5-61 in no way, either directly or by implication, modifies present University rules, policies or procedures of The Ohio State University;
- (3) That any ambiguity which may exist in the interpretation of the language of this amended rule and the language of University rules existing prior to this action shall be resolved in favor of the University's prior existing rules.

Upon motion of Mr. Hilliker, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTION

Resolution No. 83-41

RESOLVED, That so much of Resolution No. 83-20 pertaining to the appointment and change of title of Jules B. LaPidus be amended to read as follow:

Reappointment of Principal Administrative Official

JULES B. LAPIDUS, Dean of the Graduate School, effective July 1, 1982 through June 30, 1987, pursuant to rule 3335-3-17 of the Administrative Code.

Upon motion of Dr. Jacob, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 83-42

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment of New Chairman of Department; Leaves of Absence Without Salary; Professional Improvement Leave--Change of Date; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the September 3, 1982 meeting of the Board, including the following Appointment of New Chairman of Department; Leaves of Absence Without Salary; Professional Improvement Leave--Change of Date; and Emeritus Titles as detailed in the University Budget, be approved.

October 1, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of New Chairman of Department

September 1, 1982 through June 30, 1983

Neurology

*George W. Paulson

* Acting Chairman

Leaves of Absence Without Salary

RONALD E. LAYMON, Associate Professor, Department of Philosophy, effective October 1, 1982 through December 31, 1982, to accept a research grant from the Center for Philosophy of Science at the University of Pittsburgh.

PASQUALE CHARLES GRADO, Assistant Professor, Department of Architecture, effective October 1, 1982 through March 31, 1983, to work with several well-known architectural firms.

ALLAN G. SEKULA, Assistant Professor, Department of Photography and Cinema, effective April 1, 1983 through June 30, 1983, to accept a 1982-83 Ohio Arts Council Art Critic's Grant.

MICHAEL MIECZYSLAW SZPORA, Assistant Professor, Department of English (Mansfield Campus), effective October 1, 1982 through June 30, 1983, to accept a Fulbright Grant to study in Poland.

DONNA J. HERSHBERGER, Instructor, Cooperative Extension Service, effective August 17, 1982 through August 30, 1982, for personal reasons.

MICHAEL HOFFMAN, Instructor, Department of Mathematics, effective October 1, 1982 through June 30, 1983, to accept a research position at Memorial University of Newfoundland.

Professional Improvement Leave--Change of Date

JAMES R. GAINES, Professor, Department of Physics, change professional improvement leave from Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983 to Winter Quarter 1983 and Spring Quarter 1983.

Emeritus Titles

CHARLES W. CONROY, College of Dentistry (Oral Biology), with the title Professor Emeritus, effective September 1, 1982.

YURII KYOGOKU, University Libraries, with the title Instructor Emeritus, effective October 1, 1982.

Upon motion of Mrs. Bowser, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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October 1, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 83-43

Synopsis: Resolutions honoring the service of a former member of the Board of Trustees and three of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Frederick R. Eckley

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 29, 1982, of Frederick R. Eckley, former member of the Board of Trustees.

Frederick R. Eckley was born in Delaware, Ohio, on August 22, 1914. He was graduated from The Ohio State University with a Bachelor of Science in Business Administration degree in 1936.

Mr. Eckley was appointed to the position of president of Ohio Bell Telephone Company in December 1962. In May, 1964, he moved to American Telephone & Telegraph Company as executive vice president, returning to Ohio Bell's presidency in April, 1966.

His telephone career began with the Commercial Department of New Jersey Bell Telephone Company in 1936, shortly after his graduation from Ohio State. Ten years later he moved to A. T. & T. in New York where he worked on several public relations assignments and as a right-of-way sales engineer.

Mr. Eckley joined the Northwestern Bell Telephone Company at Omaha in 1952 as commercial operations supervisor and rose to assistant vice president of sales and merchandising in 1955. He returned to New York in 1956 as business engineer for A. T. & T. A year later he became assistant vice president of merchandising and in 1958 he transferred to the Commercial Department as assistant vice president. In 1959, he was named director of personnel and public relations in A. T. & T.'s Long Lines Department, and in 1961, he moved to Detroit to become vice president and general manager of Michigan Bell.

Mr. Eckley was appointed to The Ohio State University Board of Trustees on May 5, 1969, for a term expiring May 13, 1973, and served as chairman of the Board for 1972-73.

Mr. Eckley was active in civic and professional affairs in the greater Cleveland area. He was a director of the Greater Cleveland Growth Association, the Ohio Chamber of Commerce, Republic Steel Corporation, Central National Bank of Cleveland, and the National Conference of Christians and Jews.

Mr. Eckley was an active alumnus and helped to establish the Pace Setters Club, an honorary organization for business students in the College of Administrative Science.

October 1, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Frederick R. Eckley (contd)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Frederic W. Heimberger

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on August 31, 1982, of Frederic W. Heimberger, Dean of Faculties Emeritus and Professor Emeritus in the Department of Political Science.

Dr. Frederic Heimberger earned his undergraduate and graduate degrees at The Ohio State University. He received his Doctor of Philosophy degree in political science in 1931.

Dr. Heimberger joined the faculty of The Ohio State University as an Instructor in 1936. Prior to that time he had served as Assistant and Associate Professor at Ball State College from his graduation in 1931 until he returned to his alma mater. In 1942 he was promoted to Assistant Professor at this University and by 1948 he had earned the rank of full Professor.

As a faculty member, he served the department and its students well. He taught a variety of courses and made an important contribution to keeping the department functioning and on an even keel during the war years. He was much involved in the intellectual and administrative life of the department.

Dr. Heimberger was selected in 1945 to begin what was to become a distinguished career in university administration. The department's loss was the University's gain. Dr. Heimberger distinguished himself as Acting Secretary, Assistant Dean and Dean of the College of Arts and Sciences and beginning in 1951 until his retirement in 1964 as Vice President. It can clearly be said that Dr. Heimberger was an administrator who had a considerable and positive impact on the development of this University.

It is fitting testimony to his contribution that 18 years after his retirement, the *Columbus Citizen Journal* in an editorial praised his role in the defense of academic freedom. Dr. Heimberger was honored by the American Association of University Professors for his devotion to this cause. Given the difficult times and the cross pressures of high administrative office, these were perhaps his finest hours and a legacy to be remembered. As an administrator, he never forgot that he was a faculty member first.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

October 1, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Donald J. Hoff

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on July 25, 1982, of Donald Jerome Hoff, Professor Emeritus in the Department of Agronomy.

Dr. Hoff was born in Cherhill, Alberta, Canada, in 1922. His early years on a wheat and cattle farm in Canada provided a background that was exceedingly helpful in his professional career. Upon completion of high school in Edmonton, Canada, he served for three years in the Canadian army with participation in the African and Italian Campaigns of World War II. He earned a Bachelor of Science in Agriculture degree in 1951 and a Master of Science degree in Soils in 1953, both at the University of Alberta. He received the Doctor of Philosophy degree from The Ohio State University in 1956. Don became an Assistant Professor in the OSU Department of Agronomy in 1956 and was promoted to Associate Professor in 1961 and Professor in 1966.

From 1956 to 1959, Dr. Hoff conducted research on soil fertility and crop production at the Ohio Agricultural Research and Development Center at Wooster. During the following four years, he served as Soil Scientist with the OSU Educational and Research Mission to India. He was located at the College of Agriculture in Udaipur where he was advisor to the Soil Chemistry Department. Upon returning to Ohio, Dr. Hoff continued his research on soil fertility with particular emphasis on manganese effects on soybean production. In addition, he taught courses in soil fertility, soil erosion and soil management. These courses brought him into contact with hundreds of students who will long remember him for his dynamic and inspired teaching. Dr. Hoff served as Director of The Ohio State University Soil Testing Laboratory in 1966.

Dr. Hoff had a broad knowledge of tobacco production and was also widely recognized for his leadership in soil fertility research on various crops. He published research papers in several scientific journals and was particularly noted for his use of the Composite Design in his research.

Don was a member of the American Society of Agronomy, Soil Science Society of America, International Soil Science Society and the American Association for the Advancement of Science. He was named a fellow of the latter society in 1964.

Those who worked closely with Don, respected his personal integrity, his devotion to his work, his pride in his teaching and research, and his warmth and kindness. He will be long remembered for his excellence in teaching and his emphasis on the fundamental concepts of learning.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

October 1, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

W. Lloyd Sprouse

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 17, 1982, of W. Lloyd Sprouse, Director of Admissions Emeritus.

Dr. Sprouse was born on January 20, 1896, in Georgetown, Ohio. He received his Bachelor of Arts degree from Ohio University in 1921. He later attended The Ohio State University and received his Master of Arts degree in 1928 and his Doctor of Philosophy degree in 1940.

Dr. Sprouse served as a high school administrator from 1921 through 1938. He served as a principal in Mannington, West Virginia; Kenton, Ohio; and Logansport, Indiana, where he also was superintendent of schools.

Dr. Sprouse's career in higher education began as a member of the faculty at the University of Buffalo and later at the University of Rochester where he became Assistant Professor of Education. He returned to Ohio in 1944 as Director of the Division of Instruction for the Department of Education of the State of Ohio.

In 1957, Dr. Sprouse was appointed University Examiner at The Ohio State University, a title that was changed to Director of Admissions in 1962. Initially, he was appointed as Assistant University Examiner in 1946. During the post World War II era, the student enrollment at The Ohio State University increased from approximately 12,000 to more than 40,000. Dr. Sprouse will be remembered for his administrative leadership in effectively managing the admission of the "tidal wave" of all students to the University during this unprecedented growth in student enrollment. He retired in 1966 and was recognized with title, Director of Admissions Emeritus.

Dr. Sprouse was involved in numerous professional and community groups. He was an active member of Phi Delta Kappa and the American Association of Collegiate Registrars and Admissions Officers and served the Methodist Church at the local level at Circleville, Ohio, as well as the District and State levels. He was a veteran of World War I serving with the Army Engineers in France and took part in the Argonne Drive.

Dr. Sprouse exemplified the ideal of integrity in the sensitive role of an admissions officer and was a dedicated administrator of the University. His wit and charm and his compassion for friends and colleagues were his hallmarks.

On behalf of the University, the Board of Trustees expresses to the family of Dr. Sprouse its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

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October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-44

Synopsis: The reports on contracts, grants, and gifts and the summary for August are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of August 1982, be approved.

Upon motion of Mr. Havens, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

SUMMARY FOR AUGUST 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	89	\$8,379,400.63
Engineering Experiment Station	23	187,297.00
Ohio Agricultural Research and Development Center	4	95,471.00
		\$8,662,168.63

Office of Business and Finance

Establishment of Named Fund

The Ohio State University Name and Seal Scholarship Fund (Scholarships)	\$ 50,000.00
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October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR AUGUST 1982 (contd)

The Ohio State University Development Fund

Establishment of Named Funds

The Harold E. Collins Scholarship Fund (Scholarships--U. S. citizens majoring in science)	\$ 460,064.16
Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics (College of Medicine and Department of Psychiatry)	\$ 25,423.99
The Ray W. Poppleton Memorial Fund (College of Medicine)	\$ 25,000.00
The Billy Amicon Memorial Fund (Golf program)	\$ 10,000.00
The Human Nutrition and Food Manage- ment Endowment Fund (Department of Human Nutrition and Food Management)	\$ 5,607.50

Report from Presidents Club

Members to date	4,555
1982 members: year to date	91
New members - August 1982	4

New Presidents Club Members - August 1982

Barbara M. Landolfi
Harold A. McMaster

Mark E. Meyers
Michael I. Para

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$3,500,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)

\$482,437.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Spinal Cord Injury Research Center, Department of Surgery (W. E. Hunt and M. S. Beattie), Department of Anatomy (J. S. King and J. C. Bresnahan), Department of Physiology (D. H. Noyes and B. T. Stokes), Department of Physiological Chemistry (L. A. Horrocks), Department of Medicine (N. R. Clendenon), and Department of Pathology (A. J. Yates), 1 September 1982 through 31 August 1983. (Project 763358 - Continuation)

\$400,000.00 - National Science Foundation, Washington, D. C., Charge Transfer at Interfaces, Department of Physics (J. C. Garland), 15 July 1982 through 31 July 1983. (Project 763216 - New)

\$373,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Office of Sea Grant, Rockville, Maryland, The Ohio Sea Grant Program - 1982-1983, Center for Lake Erie Area Research (C. E. Herdendorf and J. M. Reutter), 1 September 1982 through 31 August 1983. (Project 762833 - Continuation)

\$300,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (T. R. Donoghue, R. N. Boyd, S. L. Blatt, H. J. Hausman, and E. R. Sugarbaker), 1 May 1982 through 30 April 1983. (Project 763126 - Continuation)

\$153,436.00 - Environmental Protection Agency, Region V, Chicago, Illinois, Lake Erie Monitoring Program: Main Lake Water Quality and Cladophora, Center for Lake Erie Area Research (C. E. Herdendorf) and Department of Civil Engineering (R. Stiefel), 1 July 1982 through 30 June 1983. (Project 762280 - Continuation)

\$108,956.00 - National Science Foundation, Washington, D. C., Study of Modified Carbon/Graphitic Surfaces for Electrocatalysis, Department of Chemistry (T. Kuwana), 1 August 1982 through 31 July 1983. (Project 762782 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$106,867.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Pathology of Mitochondria in Ischemic Myocardium, Department of Physiological Chemistry (G. P. Brierley), 1 July 1982 through 30 June 1983. (Project 761229 - Continuation)

\$102,000.00 - Environmental Protection Agency, Washington, D. C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - New)

\$101,017.00 - Department of Education, Office of Educational Research and Improvements, Office of Libraries and Learning Technologies, Washington, D. C., American Fiction 1901-1925: Collection Strengthening and Creation of a National Bibliographic Record, University Libraries (W. J. Studer), 1 January 1983 through 31 March 1984. (Project 763243 - New)

\$98,276.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Glycerophospholipid Metabolism in the Brain, Department of Physiological Chemistry (L. A. Horrocks and K. E. Richardson), 1 August 1982 through 31 July 1983. (Project 760039 - Continuation)

\$94,700.00 - Department of Agriculture, Arlington, Virginia, Free-Energy Storage in Photosynthesis, Department of Biochemistry (R. T. Ross), 1 July 1982 through 30 June 1983. (Project 763246 - New)

\$90,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Matching Formula Title XII University Strengthening Grant, Office of International Programs in Agriculture (D. O. Hansen), 1 September 1982 through 31 August 1983. (Project 761863 - Continuation)

\$90,000.00 - National Science Foundation, Washington, D. C., Mechanisms of Nucleoside Kinase Regulation, Department of Biochemistry (D. H. Ives), 15 September 1982 through 31 August 1984. (Project 763258 - New)

\$90,000.00 - National Science Foundation, Washington, D. C., Nuclear Physics at Low and Intermediate Energies, Including Investigations of Fundamental Symmetries and Nuclear Astrophysics, Department of Physics (T. R. Donoghue, R. N. Boyd, S. L. Blatt, H. J. Hausman, and E. R. Sugarbaker), 18 August 1982 through 30 April 1983. (Project 763126 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$88,530.00 - Department of Transportation, Urban Mass Transportation Administration, Washington, D. C., A Training Course to Upgrade Urban Mass Transit Management, The National Center for Research in Vocational Education (R. E. Taylor), 5 July 1982 through 31 July 1983. (Project 763225 - New)

\$75,598.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Intestinal Secretion Neurochemical Receptor Mechanisms, College of Pharmacy (L. J. Wallace), 1 September 1982 through 31 August 1983. (Project 761266 - Continuation)

\$67,287.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Neural Control of Temperature Regulation, Department of Physiology (J. A. Boulant), 1 September 1982 through 31 August 1983. (Project 761187 - Continuation)

\$67,282.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, ^{17}O and ^{31}P NMR of Biophosphates, Department of Chemistry (M. D. Tsai), 1 August 1982 through 31 July 1983. (Project 763228 - New)

\$62,608.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Prolactinomas: *In Vivo* and *in Vitro* Studies, Department of Medicine (W. B. Malarkey), 1 August 1982 through 30 June 1983. (Project 763223 - New)

\$59,373.00 - National Science Foundation, Washington, D. C., Soil Hydrology and Nutrient Dynamics in Tussock Tundra, Institute of Polar Studies and Department of Agronomy (K. R. Everett), 15 July 1982 through 14 June 1983. (Project 763207 - New)

\$55,803.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biotransformations of Estrogens and Cancer, College of Pharmacy (R. W. Brueggemeier), 1 July 1982 through 30 June 1983. (Project 762304 - Continuation)

\$51,049.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Bureau of Community Health Services, Rockville, Maryland, Development and Validation of an Interdisciplinary Screening Tool, Nisonger Center for Mental Retardation (W. E. Loadman and F. A. Benson), 1 October 1982 through 30 September 1983. (Project 762390 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$49,016.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Thymidylate Synthetase Gene Expression, Department of Biochemistry (L. F. Johnson), 1 September 1982 through 31 August 1983. (Project 762903 - Continuation)

\$47,189.00 - Defense Intelligence Agency, Washington, D. C., Factors of Leadership in Sub-Saharan Africa, Mershon Center for Education in National Security (C. F. Hermann), 15 September 1982 through 15 March 1983. (Project 763233 - New)

\$44,091.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Learning in Brain-Damaged Human Infants and Animals, Department of Psychology (G. G. Berntson), 1 July 1982 through 30 June 1983. (Project 762736 - Continuation)

\$40,075.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 1 September 1982 through 30 November 1982. (Project 760043 - Continuation)

\$38,950.00 - National Science Foundation, Washington, D. C., Microcomputer Control of Machine Tool Feed Drives, Department of Mechanical Engineering (K. Srinivasan), 1 October 1982 through 30 September 1983. (Project 762809 - Continuation)

\$35,000.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Ohio State-Purdue Program at the Pushkin Institute, Moscow, USSR, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 August 1982 through 30 April 1983. (Project 763226 - New)

\$35,000.00 - National Science Foundation, Washington, D. C., Characterization of Tegumentary Membrane-Bound Enzymes of Gastrointestinal Parasites, Department of Zoology (R. W. Pappas), 1 November 1981 through 31 October 1983. (Project 762358 - Continuation)

\$34,217.00 - National Science Foundation, Washington, D. C., The Systematics and Evaluation of the *Ulotrichales* (Chlorophyta), Department of Botany (G. L. Floyd and C. J. O'Kelly), 1 September 1982 through 31 August 1984. (Project 763238 - New)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$34,200.00 - Department of the Army, Natick Research and Development Command, Natick, Massachusetts, TCM Replacement, Department of Civil Engineering (A. J. Rubin), 1 August 1982 through 21 August 1983. (Project 762682 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 July 1982 through 30 September 1982. (Project 762612 - Continuation)

\$28,607.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, The Effects of Fatigue on Cockpit Communication and Resource Management, Department of Aviation (R. S. Jensen and A. Lerch), 1 August 1982 through 30 November 1982. (Project 763247 - New)

\$28,000.00 - National Science Foundation, Washington, D. C., Wave Dynamics in Curved and in Flat Space-Times, Department of Mathematics (U. H. Gerlach), 1 August 1982 through 31 July 1984. (Project 763234 - Continuation)

\$19,034.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Environmental and Genetic Effects on Gravity Receptors: A Morphological, Physiological and Behavioral Study, Department of Otolaryngology (D. J. Lim), 1 July 1982 through 31 December 1982. (Project 760657 - Continuation)

\$15,000.00 - Department of Energy, Argonne, Illinois, University Reactor Sharing Program, Engineering Experiment Station (B. K. Hajek), 1 September 1982 through 31 August 1983. (Project 762411 - Continuation)

\$14,000.00 - Department of Defense Dependent Schools, Panama City, Panama, Teacher's Manual in Gifted and Talented Education, Academic Faculty of Exceptional Children (R. H. Swassing), 18 July 1982 through 1 May 1983. (Project 763239 - New)

\$9,993.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 1 July 1982 through 28 February 1983. (Project 761012 - Continuation)

\$9,582.00 - National Science Foundation, Washington, D. C., Ovarian Control of Parturition and Postpartum Estrus in the Tammar Wallaby, Department of Zoology (J. D. Harder), 1 August 1982 through 31 July 1983. (Project 763249 - New)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$8,219.00 - National Science Foundation, Washington, D. C., Microparticle Analysis and Glaciological Interpretation of the 500-m Ice Core, South Pole Antarctica, Institute of Polar Studies (D. H. Elliot, E. Mosley-Thompson, and L. Thompson), 1 October 1982 through 30 September 1983. (Project 762875 - Continuation)

\$6,950.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), 1 February 1982 through 31 January 1983. (Project 762989 - Continuation)

\$6,500.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Technical Assistance to U. S. AID Mission, Honduras, Department of Agricultural Economics and Rural Sociology (D. H. Graham), 1 April 1982 through 30 September 1982. (Project 763222 - New)

\$5,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Measurements of Chromospheric Densities and Geometrical Extensions of Late-Type Giants and Supergiant Stars, Department of Astronomy (R. F. Wing), 1 September 1982 through 31 August 1983. (Project 763257 - Continuation)

\$2,951.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 August 1982 through 31 August 1982. (Project 761628 - Continuation)

\$2,656.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthetic Elaboration of Polyquinane Natural Products, Department of Chemistry (L. A. Paquette), 1 July 1982 through 30 June 1983. (Project 762298 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$7,162,449.00

State of Ohio Research Contracts/Grants

\$21,800.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Psychology, Department of Psychology (H. L. Mirels), 1 July 1982 through 30 June 1983. (Project 762865 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$21,130.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1982 through 30 June 1983. (Project 762760 - Continuation)

\$16,500.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Graduate Training Program in Social Work, College of Social Work (T. Meenaghan), 1 July 1982 through 30 June 1983. (Project 762864 - Continuation)

\$14,449.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Tyrosine for Hyperkinesis, Department of Psychiatry (L. E. Arnold), 1 August 1982 through 30 June 1983. (Project 763240 - New)

\$12,416.00 - Ohio Arts Council, Columbus, Ohio, Public Film/Video Exhibition in Columbus 1982-83, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763254 - Continuation)

\$2,875.00 - Ohio Arts Council, Columbus, Ohio, Public Presentations by Photographers, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763252 - Continuation)

\$2,722.00 - The Ohio Program in the Humanities, Columbus, Ohio, Broadcast of the 1982 Boyd H. Bode Memorial Lecture, Telecommunications Center (D. K. Ouzts), 5 April 1982 through 31 May 1982. (Project 763070 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS	\$ 91,892.00
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Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$330,091.00 - Pennwalt Corporation, King of Prussia, Pennsylvania, Genetic Improvement of Biological Pesticides, Departments of Microbiology and Genetics (D. H. Dean), 1 September 1982 through 31 August 1985. (Project 763256 - New)

\$107,304.00 - Syntex (USA), Palo Alto, California, Evaluation of LH/FSH-RH Analog in Female Baboons, Department of Obstetrics and Gynecology (V. C. Stevens), 1 May 1980 through 29 June 1983. (Project 763237 - New)

\$86,990.00 - The Analytic Sciences Corporation, Reading, Massachusetts, Navigation System Simulation, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 1 September 1982 through 30 September 1983. (Project 762842 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$74,000.00 - International Business Machines Corporation, White Plains, New York, Generic Instrumentation, College of Pharmacy (C. L. Olson and J. M. Jagadeesh), 1 June 1982 through 31 May 1983. (Project 762771 - Continuation)

\$73,130.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 22 July 1982 through 31 December 1982. (Project 760982 - Continuation)

\$63,435.00 - Muscular Dystrophy Association, New York, New York, Clinical Investigation of Duchenne Dystrophy, Department of Medicine (J. R. Mendell), 1 July 1982 through 30 June 1983. (Project 761360 - Continuation)

\$63,029.00 - Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination, Department of Microbiology (H. R. Blackwell), 1 July 1982 through 31 August 1983. (Project 760716 - Continuation)

\$50,000.00 - The Aerospace Corporation, Los Angeles, California, Antenna and Radome Analysis and Design, Department of Electrical Engineering, Electro-Science Laboratory (R. C. Rudduck), 1 October 1982 through 31 December 1983. (Project 762637 - Continuation)

\$45,548.00 - The Alaska Council on Science and Technology, Juneau, Alaska, Arctic Alaska Soils Data Base, Institute of Polar Studies (K. R. Everett), 1 August 1982 through 31 January 1984. (Project 763253 - New)

\$39,208.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Interdisciplinary Study of Basic Wear Mechanisms in Metals, Department of Metallurgical Engineering (D. A. Rigney), 15 April 1982 through 14 April 1983. (Project 763066 - New)

\$28,600.00 - Southern Illinois University at Carbondale, Carbondale, Illinois, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 31 August 1983. (Project 763245 - Continuation)

\$24,834.69 - Nine Members of the National Alliance, National Alliance of Post-secondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$18,000.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, Vascular Changes in Placental Bed in Hypertensive Pregnancy, Department of Obstetrics and Gynecology (R. W. O'Shaughnessy), 1 October 1982 through 30 September 1983. (Project 763244 - New)

\$14,175.00 - San Jose State University Foundation, San Jose, California, Theoretical Analysis of Impurity Band Broadening and Bandgap Narrowing in Semiconductor Materials, Department of Physics (L. C. Brown), 1 June 1982 through 30 September 1982. (Project 762740 - Continuation)

\$12,817.00 - Morris Animal Foundation, Englewood, Colorado, The Effects of Feline Leukemia Virus on the Proliferation of Bone Marrow Erythroid Progenitors, Department of Veterinary Pathobiology (G. J. Kociba), 1 August 1982 through 31 July 1983. (Project 763248 - New)

\$12,000.00 - Ross Laboratories, Columbus, Ohio, Blue Cross of Central Ohio, Columbus, Ohio, and Children's Hospital, Columbus, Ohio, Community Program for Affordable Health Care Proposal, School of Allied Medical Professions (S. F. Loeb), 15 July 1982 through 15 October 1982. (Project 763230 - New)

\$11,685.00 - Adria Laboratories, Inc., Columbus, Ohio, Synthesis of Novel Anthracycline Glycosides, Department of Chemistry (D. Horton), 1 October 1982 through 30 September 1983. (Project 762866 - Continuation)

\$8,540.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers Program (AHEC) Allied Medicine Support, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1981 through 30 September 1982. (Project 762889 - Continuation)

\$7,700.00 - American Heart Association, Dallas, Texas, Antiallergic Actions of New Trimetoquinol Analogs, *in Vivo*, College of Pharmacy (D. R. Feller), 1 August 1982 through 30 June 1983. (Project 763242 - New)

\$6,165.00 - Malaysian Ministry of Education, Kuala Lumpur, Malaysia, In-Service Workshop for Malaysian Teacher Educators, Academic Faculty of Educational Foundations and Research (F. R. Cyphert and J. W. Altschuld), 9 August 1982 through 31 October 1982. (Project 763231 - New)

\$5,325.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 June 1982 through 30 November 1982. (Project 763227 - New)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$4,625.00 - Iowa State University of Science and Technology, North Central Regional Center for Rural Development, Ames, Iowa, Development of a Solid Waste Economic Planning Model, Cooperative Extension Service - State Operations (J. D. Rohrer), 1 August 1982 through 30 September 1983. (Project 763259 - New)

\$4,393.00 - International Training and Education Company, Framingham, Massachusetts, Development of "Clerk General Level I" Curriculum, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 30 September 1982. (Project 763014 - Continuation)

\$4,370.00 - Insulation Industry's National Apprenticeship and Training Fund, Washington, D. C., Instructor Training Workshop-Insulation Industry's National Apprenticeship and Training Fund, The National Center for Research in Vocational Education (R. E. Taylor), 4 September 1982 through 31 October 1982. (Project 763250 - New)

\$3,925.94 - North Atlantic Treaty Organization, Brussels, Belgium, Parity Non-Conservation in Nuclei and Nuclear Astrophysics, Department of Physics (T. R. Donoghue), 1 April 1982 through 31 March 1983. (Project 763221 - New)

\$3,714.00 - Cincinnati Resource Development Committee, Cincinnati, Ohio, Data Inventory of Vocational Education in Cincinnati Public Schools and Great Oaks Area Vocational School, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 August 1982. (Project 763224 - New)

\$3,200.00 - Schering Corporation, Kenilworth, New Jersey, Banamine Irritation Study, Department of Veterinary Clinical Sciences (M. Wyman), 1 August 1982 through 30 September 1982. (Project 763235 - New)

\$3,077.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 October 1982 through 30 September 1983. (Project 763120 - Continuation)

\$3,000.00 - Western Electric Co., Inc., Dublin, Ohio, Analysis of Text Processing Center, Academic Faculty of Vocational-Technical Education (W. D. Dowling), 13 July 1982 through 31 July 1982. (Project 763229 - New)

\$2,950.00 - National Alliance of Business, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (J. J. Quaranta), 1 January 1982 through 30 June 1982. (Project 763236 - Continuation)

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$2,950.00 - National Alliance of Business, Columbus, Ohio, Career Guidance Institute, Academic Faculty of Special Services (J. J. Quaranta), 1 August 1982 through 31 July 1983. (Project 763232 - Continuation)

\$2,108.00 - Central Ohio Heart Chapter, Inc., Columbus, Ohio, Effect of Aging and GI Disease on Digoxin Metabolism, College of Pharmacy (R. H. Reuning), 1 October 1982 through 30 September 1983. (Project 763120 - Continuation)

\$1,750.00 - Monsanto Co., Monsanto Research Corp., Dayton, Ohio, Radio-nuclides in Coal Samples, Department of Botany (G. E. Gilbert), 12 July 1982 through 1 October 1982. (Project 763251 - New)

\$1,278.00 - Alverno College, Milwaukee, Wisconsin, Alverno College Technical Assistance Agreement, Department of Psychology (M. D. Hakel), 1 April 1982 through 30 September 1982. (Project 763241 - New)

\$680.00 - Ohio Wesleyan University, Delaware, Ohio, Student Personnel in Higher Education, Academic Faculty of Special Services (R. F. Rodgers), 15 August 1982 through 30 June 1983. (Project 763170 - Continuation)

\$462.00 - International Masonry Institute, Washington, D. C., Technical Assistance for the International Masonry Institute, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 31 July 1982. (Project 768041 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,125,059.63
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ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$59,000.00 - Electric Power Research Institute (EPRI), Transmission Grounding Task I: Performance Model Tests, Department of Electrical Engineering, September 1, 1982 through August 31, 1983. (EES 529621, Extension 3)

\$128,297.00 - Twenty-two sponsors for 22 development projects under the direction of five engineering departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT	\$ 187,297.00
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October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$40,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of a study on evolution of leafhoppers and stunting pathogens with maize and its ancestors, Department of Entomology, July 1, 1982 to June 30, 1983. (Contract No. 81-CRCR-1-646)

\$38,671.00 - Agricultural Research Service, U. S. Department of Agriculture, Peoria, Illinois, continued support of a study on evaluation tests of soft winter wheat, Department of Agronomy, September 1, 1982 to August 31, 1983. (Contract No. 58-519B-1-1101)

TOTAL - FEDERAL CONTRACTS/GRANTS	\$78,671.00
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Gifts of \$5,000 or More

\$ 10,800.00 Union Carbide - Agricultural Products, Inc., Research Triangle Park, North Carolina

\$ 6,000.00 Dow Chemical Company, Cincinnati, Ohio

TOTAL - GIFTS	\$16,800.00
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THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$595,000.00 Trust Under the Will of William Skou, Akron, Ohio: \$500,000.00 for William J. Skou Scholarship Fund and \$95,000.00 for Skou Faculty Enrichment Fund.

\$ 58,750.00 Trust Under the Will of Anna Roessler, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.

\$ 50,000.00 Procter & Gamble, Cincinnati, Ohio: \$10,000.00 for Chemical Engineering Support Fund; \$10,000.00 for Marketing Support Fund; \$7,500.00 for Mechanical Engineering Support Fund; \$5,000.00 for Chemistry Discretionary Fund; \$5,000.00 for Journalism Special Fund; \$5,000.00 for Procter & Gamble President's Discretionary Fund; \$2,500.00 for Accounting Special Fund; \$2,500.00 for Electrical Engineering Special Fund; and \$2,500.00 for Elvin F. Donaldson Fund.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 50,000.00 The Spencer Foundation, Chicago, Illinois, for Spencer Education Scholarship Fund.
- \$ 46,251.09 Guy Jackson, Chicago, Illinois, for OSU National Merit Scholarship Fund.
- \$ 21,600.00 Trustees of Lingnan University, New York, New York, for OSU Campaign for China Exchange Fund.
- \$ 20,000.00 McDonnell Douglas Corporation, St. Louis, Missouri, for SDRC (Structural Dynamics Research Corporation) Fund.
- \$ 20,000.00 Miles Laboratories, Incorporated, DomeLab Division, West Haven, Connecticut, for Antibiotic Research Fund--Dr. Fass.
- \$ 18,002.00 Edwin & Julia Dodd Fund No. 2 of the Cleveland Foundation, Cleveland, Ohio for furtherance in extension work in Cuyahoga County Fund.
- \$ 15,871.00 Dow Chemical USA, Midland, Michigan: \$6,000.00 for Plant Pathology Special Fund; \$5,000.00 for Chemical Engineering Support Fund; \$3,000.00 for Dow Research Fellowship Fund; \$1,000.00 for Electrical Engineering Special Fund; \$250.00 for Veterinary Medicine Education and Research Fund; \$250.00 for Veterinary Pathobiology Research and Development Fund; \$100.00 for Henry H. Blau Memorial Fund; \$100.00 for undesignated purposes; \$75.00 for Home Economics' Programs Fund; \$60.00 for Engineering College Special Fund; and \$36.00 for Friends of WOSU Fund.
- \$ 15,000.00 Coop Power, Incorporated, Columbus, Ohio, for Museum of Zoology Fund.
- \$ 14,725.92 Retinal Consultants, Incorporated, Columbus, Ohio, for Retina Research Fund.
- \$ 14,720.72 University Eye Surgeons, Inc., Columbus, Ohio: \$14,600.00 for Eye Bank Fund and \$120.72 for Ophthalmology Photography Fund.
- \$ 12,525.00 Bethlehem Steel, Bethlehem, Pennsylvania: \$6,500.00 for Mechanical Engineering Coal Combustion Fund; \$6,000.00 for Bethlehem Steel Fund; and \$25.00 for Friends of WOSU Fund.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$ 12,000.00	Rohm & Haas Company, Philadelphia, Pennsylvania, for Rohm & Haas Chemical Engineering Fund.
\$ 11,097.07	Trust Under the Will of Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.
\$ 10,965.89	Systems Associates, Columbus, Ohio: \$10,299.89 for Cardiology Support Fund and \$666.00 for Pacemaker Development Fund.
\$ 10,000.00	Elliott & Williams Roses, Dover, New Hampshire, for Alex Laurie Fellowship Fund of the Ohio Florists' Association.
\$ 10,000.00	Ohio Cancer Research Association, Columbus, Ohio, for Cancer Research Center Fund.
\$ 10,000.00	Worthington Industries, Worthington, Ohio, for Student-Athlete Grant-in-Aid Fund.
\$ 9,134.26	Kaplan Halpert Foundation, Incorporated, Columbus, Ohio, for James M. George Fund.
\$ 8,581.05	Trust Under the Will of Carl Baldwin, Columbus, Ohio, for Carl and Grace Baldwin Eye Care Fund.
\$ 8,000.00	Union Carbide Corporate Foundation, New York, New York, for Union Carbide Corporation Fund.
\$ 7,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Economic Education Fund.
\$ 7,000.00	Standard Oil Company, Cleveland, Ohio, for Geology and Mineralogy Fellowship Fund.
\$ 6,000.00	Eli Lilly & Company, Indianapolis, Indiana, for Lilly Research Fund--Dr. Hart.
\$ 6,000.00	The Horsburgh & Scott Company, Cleveland, Ohio, for Gear Dynamics Laboratory Fund.
\$ 6,000.00	International Fertilizer Development Center, Muscle Shoals, Alabama, for International Fertilizer Development Center Fertilizer Research Fund.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 6,000.00 Pharmaceutical Manufacturers Association Foundation, Washington, D. C., for Pharmaceutical Manufacturers Association Fellowship Fund.
- \$ 5,438.74 Eye Physicians & Surgeons, Columbus, Ohio, for Ophthalmology Teaching Fund.
- \$ 5,300.00 Shell Companies Foundation, Houston, Texas: \$2,200.00 for Engineering College Special Fund; \$2,000.00 for SDRC (Structural Dynamics Research Corporation) Fund; \$650.00 for undesignated purposes; \$300.00 for Ag-Econ Fund; \$100.00 for Mars G. Fontana Endowment Fund; and \$50.00 for Seelbach Family Fund.
- \$ 5,000.00 CVI Corporation, Columbus, Ohio, for ISE (Industrial Systems Engineering) Advancement Fund.
- \$ 5,000.00 Kalmbach Feeds, Incorporated, Upper Sandusky, Ohio, for Kalmbach Family Scholarship Fund.
- \$ 5,000.00 Mobil Foundation, New York, New York, for Mechanical Engineering Coal Combustion Fund.
- \$ 5,000.00 John C. Patton Fund of the Columbus Foundation, Columbus, Ohio, for Cullman Symposium Fund.

OFFICE OF BUSINESS AND FINANCE

Establishment of Named Funds

The Ohio State University Name and Seal Scholarship Fund

Funds in the amount of \$50,000 have been made available as a result of royalty income from the University's Name and Seal Licensing Program, as authorized at the September 6, 1974 meeting of the Board of Trustees. These funds and any subsequent funds made available for this purpose are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

As specified in the resolution adopted by the Board in 1974, funds received through the licensing of the use of the University's identifying marks are to be used to supplement this University's scholarship funds. An appropriate budget account has been so designated to receive these funds.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OFFICE OF BUSINESS AND FINANCE (contd)

Establishment of Named Funds (contd)

The Ohio State University Name and Seal Scholarship Fund (contd)

Students who have demonstrated academic ability and the need for financial assistance shall receive first consideration for scholarships awarded from this fund. Awards are to be made from the interest income accrued in the budget account. Selection of the recipient(s) and authorization of expenditures from the fund are to be made jointly by the University Scholarship Committee and the Office of Business and Finance.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the licensing of the University's identifying marks.

September 6, 1974

Use of University's Name and Seal

Action was initiated in November, 1973 by the Vice President for Business and Administration to cause to be registered with the United States Patent Office the name and seal of The Ohio State University, as a means of establishing control over the use of the University's name and seal by persons or organizations not associated with the University or with the State of Ohio.

In so doing the University may now control the use of its name and seal to (1) prevent any use that reflects unfavorably on the University, and (2) provide a supplement to this University's scholarship funds from all funds received through the licensing of the University's name and seal.

President Enarson recommended that the program for the controlled use of the University's name and seal as described be authorized and implemented.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

The Harold E. Collins Scholarship Fund

The Harold E. Collins Scholarship Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Harold E. Collins, B.S.Agr. '26, M.S. '29.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harold E. Collins Scholarship Fund (contd)

One-half of the annual income is to be used for one or more scholarships for undergraduate students who are U. S. citizens and majoring in science. Recipients are to be selected by the University Committee on Student Financial Aids. The remaining one-half income is to be added to the principal of the fund each year.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given for support of the sciences at the University.

Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics

The Doctors Milton M. and Harriet H. Parker Fund for Psychiatry and Human Genetics was established October 1, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Harriet H. Parker, B.A. '32, M.S. '33, Ph.D. '36; and her husband, Milton M. Parker, M.A. '36, Ph.D. '39, M.D. '43, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for research, teaching and treatment in psychiatry and human genetics. All expenditures are to be approved by the Chairman of the Department of Psychiatry and the Dean of the College of Medicine.

Should the need for this application of the funds cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for psychiatry and human genetics education.

The Ray W. Poppleton Memorial Fund

The Ray W. Poppleton Memorial Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Ethel V. Poppleton, B.A. '18, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ray W. Poppleton Memorial Fund (contd)

The annual income is to be used by the College of Medicine to provide grants for research and the advancement of medical knowledge in the areas of orthopedics and diseases of the spinal cord. The selection of the recipient(s) of the annual grant shall be made upon the recommendation of the Dean of the College of Medicine.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of the University with preference being given to recommendations from the appropriate administrative officials of the University who are then responsible for administering programs of research in the College of Medicine.

The Billy Amicon Memorial Fund

The Billy Amicon Memorial Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in memory of Billy Amicon, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used in support of any facet of the University golf program such as intramurals, varsity or other related activities with determination at the discretion of the University Director of Athletics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the appropriate administrative official of the University who is then directly responsible for intercollegiate athletics and/or intramural or recreation programs.

The Human Nutrition and Food Management Endowment Fund

The Human Nutrition and Food Management Endowment Fund was established October 1, 1982, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of the Department of Human Nutrition and Food Management of the School of Home Economics.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

October 1, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Human Nutrition and Food Management Endowment Fund (contd)

The annual income is to be used to further programs in the Department of Human Nutrition and Food Management that are selected by the Chairperson upon the recommendation of an advisory committee within the department.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS**

**ENERGY MODIFICATIONS TO JOURNALISM BUILDING,
MACQUIGG LABORATORY, VETERINARY HOSPITAL,
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY**

Resolution No. 83-45

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids is proposed.

WHEREAS numerous repairs and alterations to existing heating, ventilating and air conditioning systems in the Journalism Building, MacQuigg Laboratory, Veterinary Hospital, University Hall, Howlett Hall, and Robinson Laboratory are necessary to eliminate energy waste and excessive equipment operation; and

WHEREAS \$88,500 has been appropriated from Budget Account 210134 (Contract Repair) for this purpose:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University

October 1, 1982 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS (contd)**

**ENERGY MODIFICATIONS TO JOURNALISM BUILDING,
MACQUIGG LABORATORY, VETERINARY HOSPITAL,
UNIVERSITY HALL, HOWLETT HALL, AND ROBINSON LABORATORY (contd)**

procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-46

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**MARION REGIONAL CAMPUS
ROAD AND PARKING LOT RENOVATIONS**

Description: Repave the campus entry road and two parking lots; add drains and curbs, including loading dock area; reseal walkways from parking lots; and elevate and drain entry walk to Marion Technical Building.

General Contract

Date Received:	August 12, 1982
No. of Bids:	2
Low Bid:	\$263,992.18*
High Bid:	\$305,845.50*
Estimate of Cost:	\$290,610.40*
Awarded to:	Central Ohio Asphalt Paving, Hilliard, Ohio

* Recommended alternates reflected in these figures.

October 1, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MARION REGIONAL CAMPUS
ROAD AND PARKING LOT RENOVATIONS (contd)**

Electrical Contract

Date Received: August 12, 1982

No. of Bids: 3

Low Bid: \$ 12,525.00

High Bid: \$ 17,021.60

Estimate of Cost: \$ 15,555.00

Awarded to: Whitaker-Merrell Company, Columbus, Ohio

Total All Contracts: \$276,517.18

Total Contingency Allowance: \$ 20,076.38 which is 7 per cent of construction contract

Total Project Cost: \$362,000.00

Funding: H.B. 552 Branch Campuses Utilities and Renovation

FAWCETT CENTER FOR TOMORROW ROOF REPLACEMENT

Description: Extensive roof repairs to prevent severe water damage to the interior of Fawcett Center for Tomorrow.

General Contract

Date Received: August 25, 1982

No. of Bids: 8

Low Bid: \$168,000.00

High Bid: \$277,218.00

Estimate of Cost: \$370,000.00

Awarded to: B & J Roofing & Sheet Metal, Inc., Toledo, Ohio

Total Contract: \$168,000.00

Total Contingency Allowance: \$ 13,794.00 which is 8 per cent of construction contract

October 1, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

FAWCETT CENTER FOR TOMORROW ROOF REPLACEMENT (contd)

Total Project Cost: \$185,000.00

Funding: Budget Account 885182 (Local)

WINDOW REPLACEMENT - PROJECT C (HASKETT HALL)

Description: Installation of new windows to replace the existing deteriorated and energy inefficient units.

General Contract

Date Received: August 24, 1982

No. of Bids: 3

Low Bid: \$163,674.00*

High Bid: \$315,791.00*

Estimate of Cost: \$233,000.00*

Awarded to: Condit Construction Products, Inc., Columbus, Ohio

Total Contract: \$163,674.00*

Total Contingency Allowance: \$ 8,184.84 which is 6 per cent of construction contract

Total Project Cost: \$176,000.00*

Funding: H.B. 552, Utilities and Renovation,
Item 315-074 (1981-83 Biennium)

*Recommended alternate reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

October 1, 1982 meeting, Board of Trustees

**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GROUP LIFE AND HEALTH CARE INSURANCE
POLICIES 58175-GTC AND 58175-GTC-100**

Resolution No. 83-47

Synopsis: Changes in group life and health care benefits are proposed.

WHEREAS the University presently insures certain life and health care benefits for all regular faculty/staff of the University and their eligible dependents under John Hancock group insurance policies 58175-GTC and 58175-GTC-100; and

WHEREAS based on a review and analysis of the University benefits program it has been determined that certain changes/modifications in the John Hancock life and health care coverages should be implemented; and

WHEREAS the changes as proposed have been reviewed with the appropriate administrative offices, the Faculty Compensation and Benefits Committee, and the benefit consulting firm of William M. Mercer, Incorporated; and

WHEREAS it has been recommended that effective October 1, 1982, the following changes be adopted by the University:

	Present	New
Surgical Schedule Maximum Reimbursement	\$800	\$1,200
Maximum Anesthesia Benefit	25% of above	25% of above
Second/Third Surgical Opinion Expense	80% after meeting major medical deductible	100% with no major medical deductible
In-Hospital Medical Expense		
1st Day	\$20	\$30
2nd Day - 4th Day	10	15
5th Day - 120th Day	8	12
Diagnostic Lab and X-Ray Expense	80% after meeting major medical deductible	100% up to \$150 per year per individual in addition to the current benefit entitlement

October 1, 1982 meeting, Board of Trustees

**JOHN HANCOCK MUTUAL LIFE INSURANCE COMPANY
GROUP LIFE AND HEALTH CARE INSURANCE
POLICIES 58175-GTC AND 58175-GTC-100 (contd)**

	Present	New
Major Medical Expense other than nervous or mental conditions		
Lifetime Benefit	\$100,000 for covered conditions existing prior to October 1, 1982	\$250,000 for covered conditions existing after October 1, 1982
Individual Deductible	\$50	\$100
Family Deductible	2 members	3 members
The new deductible amount will only apply on October 1, 1982 to faculty/staff members hired after that date. For all others the current deductible shall remain in effect until January 1, 1983 when the \$100 deductible shall become effective.		
Out-of-Pocket Expense	after \$1,000 of covered but unreim- bursed medical expenses, plan pays 100% of covered medical expenses for current year plus 3 additional years	after \$1,000 of covered but unreim- bursed medical expenses, plan pays 100% of covered medical expenses for current year plus one additional year
Continuation of Life Insurance for Disabled Faculty/Staff	to age 70	for three years from date of disability
Routine Infant Examination Expense	no benefit	100% of reasonable and customary charges for 6 health exams following the first six months after birth

NOW THEREFORE

BE IT RESOLVED, That effective October 1, 1982, the above benefit changes be implemented under group policies 58175-GTC and 58175-GTC-100 as underwritten by John Hancock Mutual Life Insurance Company.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

October 1, 1982 meeting, Board of Trustees

**OHIO MEDICAL INDEMNITY MUTUAL CORPORATION
GROUP VISION INSURANCE**

Resolution No. 83-48

Synopsis: Changes in group vision insurance contract are proposed.

WHEREAS on February 3, 1978, the Board awarded a contract effective April 1, 1978 to Ohio Medical Indemnity Mutual Corporation for providing group vision insurance to all regular faculty/staff of the University; and

WHEREAS certain changes in the group vision coverages have been proposed and discussed with appropriate administrative offices and the Faculty Compensation and Benefits Committee; and

WHEREAS it has been recommended that effective October 1, 1982 the following changes be adopted by the University:

	Present	New
Vision Exam	\$ 20	\$ 25
Lenses - Per Pair		
Single	20	30
Bifocal	32	40
Trifocal	44	60
Contacts (medically necessary)	150	160
Lifetime Maximum	250	No Limit
Frame	20	25

NOW THEREFORE

BE IT RESOLVED, That Ohio Medical Indemnity Mutual Corporation continue to provide the group vision care insurance program at a monthly premium of \$1.63 per faculty/staff member--to be paid by the University. The monthly premium for dependent coverage will be: one additional person, \$1.63; family, \$4.65; these premiums to be paid by the participating faculty/staff members; and

BE IT FURTHER RESOLVED, That this coverage be provided by Ohio Medical Indemnity Mutual Corporation for a two-year period effective October 1, 1982, with premium and performance of the carrier to be reviewed annually and with the insurance contract remaining in force after this two-year term until the Board of Trustees deems it appropriate to seek new quotations.

Upon motion of Mr. Havens, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

October 1, 1982 meeting, Board of Trustees

COLUMBUS TELEPORT CORPORATION

Resolution No. 83-49

Synopsis: Authorization for the University to participate in the Columbus Teleport Corporation is being requested.

WHEREAS, The Ohio State University through its Telecommunications Center (WOSU-AM, WOSU-FM and WOSU-TV) is experienced in satellite communications and has provided satellite services to the Columbus community since June, 1978; and

WHEREAS, The Ohio State University has been presented with the opportunity to join with business and industry in the greater Columbus community to form a satellite telecommunications corporation; and which opportunity will provide educational and economic benefits; and

WHEREAS, the President recommended, to the Board of Trustees that it authorize the purchase of shares by the University from development fund monies in a Columbus-based satellite telecommunications corporation to be known as the Columbus Teleport Corporation:

NOW THEREFORE BE IT RESOLVED

That the Treasurer of the Board of Trustees be authorized to purchase shares in the amount not to exceed \$35,000.00 from unrestricted gift sources in order to purchase equity shares in Columbus Teleport Corporation in an amount greater than eight percent but less than twenty-five percent of the corporation and that the President and/or Vice President for Business and Finance be authorized to sign the Pre-Incorporation Agreement and Articles of Incorporation upon such terms and conditions as are deemed to be in the best interests of the University.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-50

RESOLVED, That the report on the University's Investment Portfolio, dated September 17, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

October 1, 1982 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, November 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 5, 1982

The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

November 5, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 12:15 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

--O--

The meeting of the Board of Trustees reconvened at 1:45 p.m.

ADOPTION OF OFFICIAL SHIELD FOR COLLEGE OF OPTOMETRY

Resolution No. 83-51

Synopsis: Adoption of an official shield for the College of Optometry is recommended.

WHEREAS various colleges in the health professions at The Ohio State University have "patches" or "shields" symbolic of their colleges/schools; and

WHEREAS other colleges of optometry have such representative emblems; and

WHEREAS the faculty and students of the College of Optometry have developed and approved a design for The Ohio State University College of Optometry which is symbolic of optometry and the University:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the design of the emblematic "patch" or "shield" for the College of Optometry as submitted by the Dean of the College of Optometry; and

BE IT FURTHER RESOLVED, That the original copy of the shield and its description be filed with the official records of the University.

Upon motion of Mr. Galbreath, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--O--

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT

Resolution No. 83-52

Synopsis: Approval is being requested for awarding degrees and certificates for Autumn Quarter Commencement.

November 5, 1982 meeting, Board of Trustees

DEGREES AND CERTIFICATES - AUTUMN QUARTER COMMENCEMENT (contd)

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on December 10, 1982, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-53

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Chairman of Department; Promotion with Tenure; Medical Staff--Appointments; Medical Staff--Reappointments; Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; Professional Improvement Leave; Professional Improvement Leave--Cancellation; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the October 1, 1982 meeting of the Board, including the following Appointments; Appointment of Chairman of Department; Promotion with Tenure; Medical Staff--Appointments; Medical Staff--Reappointments; Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; Professional Improvement Leave; Professional Improvement Leave--Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name:	THOMAS L. SWEENEY
Title:	Associate Vice President for Research
Office:	Research and Graduate Studies
Effective:	October 1, 1982
Salary:	\$56,040.00
Present Position:	Professor, Department of Chemical Engineering

November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments (contd)

Name: ALBERT L. CLOVIS
Title: Professor (Newton D. Baker Professorship in Law)
College: Law
Effective: October 1, 1982
Salary: \$60,480.00
Present Position: Professor, College of Law

Name: WALTER K. MCPHERSON
(Vice, Sidney D. Jeffe, who resigned October 31, 1982)
Title: Director, Transportation Research Center of Ohio, Engineering Experiment Station
Effective: November 1, 1982
Salary: \$60,000.00
Present Position: Deputy Director, TRC

Appointment of Chairman of Department

October 1, 1982 through June 30, 1983

Architecture

*Paul E. Young, Jr.

* Acting Chairman

Promotion with Tenure

Name: DAVID L. JOHNSON
Title:
From: Assistant Professor
To: Associate Professor with tenure
School: Natural Resources
Effective: November 1, 1982

Medical Staff--Appointments

Effective July 14, 1982

Madhu Bhatia, M.D.	Transfer from Limited Staff in General Psychiatry to Limited Staff in Child Psychiatry	Clinical Instructor H.S.
Richard Bump, M.D.	Courtesy Staff in Family Medicine in addition to Attending Staff in Obstetrics and Gynecology	Assistant Professor
Christopher M. Copeland, M.D.	Attending Staff in Obstetrics and Gynecology	Clinical Assistant Professor

November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective July 14, 1982 (contd)

Evan Dixon, M.D.	Transfer from Limited to Courtesy Staff in Cardiology	Clinical Assistant Professor
William B. Ferrar, M.D.	Attending Staff in General Surgery and Surgical Oncology	Assistant Professor
James Ferraro, M.D.	Courtesy Staff in Family Medicine in addition to Attending Staff in General Surgery	Instructor
William R. Finkelmeier, M.D. Roger Friedman, M.D.	Limited Staff in General Surgery Courtesy Staff in Allergy	Clinical Instructor H.S. Clinical Assistant Professor
Jerry B. Magone, M.D.	Limited Staff in Orthopaedic Surgery	Clinical Instructor H.S.
Scott A. McIlroy, M.D.	Courtesy Staff in Obstetrics and Gynecology	Clinical Instructor
Diana Wasserman, M.D.	Courtesy Staff in Family Medicine in addition to Courtesy Staff in Pediatrics	Clinical Assistant Professor
Marc C. Watson, M.D.	Limited Staff in General Surgery (Fellow in Peripheral Vascular Surgery)	Clinical Instructor H.S.

Effective September 8, 1982

Douglas Anderson, D.D.S.	Transfer from Courtesy Staff to Attending Staff in Oral and Maxillofacial Surgery	Clinical Assistant Professor
Mark E. Clasen, M.D.	Attending Staff in Family Medicine	Assistant Professor
Charles T. Cloutier, M.D.	Attending Staff in General Surgery and Emergency Medicine	Associate Professor
Matthew E. Dangel, M.D. James C. English, M.D.	Attending Staff in Ophthalmology Limited Staff in Family Medicine	Assistant Professor Clinical Instructor H.S.
Joseph D. Fishel, M.D.	Limited Staff in Family Medicine	Clinical Instructor H.S.
Roger A. Friedman, M.D.	Courtesy Staff in Pediatrics	Clinical Assistant Professor
Timothy R. Gatens, M.D.	Courtesy Staff in Physical Medicine and Rehabili- tation	Clinical Instructor

November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective September 8, 1982 (contd)

Stephen A. Koff, M.D.	Attending Staff in Urology	Associate Professor
Jeff E. Mandel, M.D.	Limited Staff in Anesthesiology	Clinical Instructor H.S.
Michael J. Meagher, M.D.	Courtesy Staff in Neurological Surgery	Clinical Instructor
Hani Nabi, M.D.	Limited Staff in Nuclear Medicine	Clinical Instructor H.S.
Greg Offenburger, D.D.S.	Transfer from Courtesy Staff to Attending Staff in Oral and Maxillofacial Surgery	Clinical Assistant Professor
Larry J. Peterson, D.D.S.	Attending Staff in Oral and Maxillofacial Surgery (Chairman)	Professor
Omran M. Shamam, M.D.	Limited Staff in Diagnostic Radiology	Clinical Instructor H.S.
Kenneth A. Son, M.D.	Limited Staff in Urology	Clinical Instructor H.S.
Mark A. Straka, D.D.S.	Transfer from Limited to Courtesy Staff in Oral and Maxillofacial Surgery	Adjunct Assistant Professor
Steven V. Streem, M.D.	Attending Staff in Urology	Assistant Professor
Chung Kill Yin, M.D.	Attending Staff in Radiation Oncology	Assistant Professor

Effective October 13, 1982

Ronald Ferguson, M.D.	Attending Staff in General Surgery	Associate Professor
James E. Gadek, M.D.	Attending Staff in Pulmonary Diseases (Division Director)	Associate Professor
Richard S. Kyler, M.D.	Courtesy Staff in Neurology	Clinical Instructor
Mojmir G. Sonek, M.D.	Courtesy Staff in Obstetrics and Gynecology	Clinical Professor

Medical Staff--Reappointments

Effective July 14, 1982

William F. Bradley, M.D.	Courtesy Staff - Endocrinology and Metabolism
Benny Kerzner, M.D.	Attending Staff - Pediatrics
James W. Lewis, M.D.	Courtesy Staff - Renal Diseases
Michael H. Mishkind, M.D.	Courtesy Staff - Renal Diseases

November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective July 14, 1982 (contd)

John J. Picken, M.D.	Courtesy Staff - Pulmonary Diseases
James Vaughn, M.D.	Courtesy Staff - Neurology
Reinhard A. Westphal, M.D.	Attending Staff - Orthopaedic Surgery
John F. Williams, M.D.	Courtesy Staff - Orthopaedic Surgery

Effective September 8, 1982

Joseph R. Bianchine, M.D.	Attending Staff - Clinical Pharmacology
Nicholas Gerber, M.D.	Courtesy Staff - Obstetrics and Gynecology
Robert R. Kessler, M.D.	Courtesy Staff - Orthopaedic Surgery
John Klamar, M.D.	Attending Staff - Pediatrics
Ruskin B. Lawyer, M.D.	Attending Staff - Orthopaedic Surgery
Charles V. Mattingly, M.D.	Courtesy Staff - Cardiology
Arlynn F. Mulne, M.D.	Courtesy Staff - Pediatrics

Effective October 13, 1982

Charles R. Block, M.D.	Attending Staff - Pediatrics
Arthur L. Clark, M.D.	Courtesy Staff - Pediatrics
Salvatore DiCarlo, M.D.	Courtesy Staff - Pediatrics
Alex Dubin, M.D.	Courtesy Staff - Pediatrics
Uma Gupta, M.D.	Courtesy Staff - Pediatrics
L. Robert Polster, M.D.	Attending Staff - Pediatrics

Leaves of Absence Without Salary

GEORGE F. WADLINGTON, Professor, Cooperative Extension Service, effective October 1, 1982 through December 31, 1982, for medical reasons.

JOAN E. HERR, Assistant Professor, Department of Human Nutrition and Food Management, effective October 1, 1982 through June 30, 1983, to accompany her husband who is heading a MUCIA project in Burma.

WILLIAM E. WOLFE, Assistant Professor, Department of Civil Engineering, effective October 1, 1982 through December 31, 1982, to accept an assignment at the Air Force Office of Scientific Research, Bolling Air Force Base.

November 5, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary (contd)

BETH D. GAYDOS, Instructor, Cooperative Extension Service, effective October 18, 1982 through October 31, 1982, for personal reasons.

Leave of Absence Without Salary--Change of Date

HENRY H. GLOVER, Associate Professor, Department of Mathematics, change date of leave from October 1, 1982 through June 30, 1983 to January 1, 1983 through June 30, 1983.

Professional Improvement Leave

ROBERT T. ROSS, Professor, Department of Biochemistry, effective Summer Quarter 1983, Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

Professional Improvement Leave--Cancellation

JAMES C. GARLAND, Professor, Department of Physics, cancel professional improvement leave for Autumn Quarter 1982, Winter Quarter 1983, and Spring Quarter 1983.

Emeritus Titles

EDWARD HOMER BOHL, Department of Veterinary Preventive Medicine, with the title Professor Emeritus, effective October 1, 1982.

FREDERICK P. DICKEY, Department of Physics, with the title Professor Emeritus, effective June 1, 1982.

G. HOWARD PHILLIPS, Department of Agricultural Economics and Rural Sociology, with the title Professor Emeritus, effective October 1, 1982.

RICHARD ALLAN POPHAM, Department of Botany, with the title Professor Emeritus, effective July 1, 1982.

PAULINE H. VETTER, Cooperative Extension Service, with the title Instructor Emeritus, effective November 1, 1982.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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November 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 83-54

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Allan C. Barnes

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on June 13, 1982, of Allan C. Barnes, former Chairman of the Department of Obstetrics and Gynecology.

Allan Campbell Barnes was born on December 18, 1911, in Coldwater, Michigan.

Dr. Barnes was educated at the Haverford School, Pennsylvania; A.B., Princeton, 1933; M.D., University of Pennsylvania, 1937. He served as a Fellow at Oxford and later received a Master of Science degree at the University of Michigan. Dr. Barnes served his residency in obstetrics and gynecology at the University of Michigan under Norman F. Miller, and his military service in the Medical Corps from 1942 to 1945, when he was retired as a Major. He returned to the University of Michigan as an Instructor, then came to Ohio State as an Associate Professor from 1945 to 1947, at which time he became Chairman, from 1947 to 1953, of Obstetrics and Gynecology at The Ohio State University. He moved to Western Reserve University School of Medicine as Professor and Chairman, Department of Obstetrics and Gynecology, from 1953 to 1960; then to Johns Hopkins University, Department of Obstetrics and Gynecology, from 1960 to 1970.

In 1970, he became Vice President of The Rockefeller Foundation where he served until 1977. He continued as a consultant of The Rockefeller Foundation and a Senior Fellow of the Population Council. Dr. Barnes retired to Columbus in March, 1981. At the time of his death he was Professor Emeritus of Obstetrics and Gynecology at The Ohio State University.

Dr. Barnes published 189 original scientific publications, was editor of the *American Journal of Obstetrics and Gynecology*, and edited several books that relate to obstetrics and gynecology.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

November 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

J. Raymond Derby

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 3, 1982, of J. Raymond Derby, Professor Emeritus in the Department of English.

Dr. Derby earned his undergraduate degree at Southwestern College, his masters' degrees at the University of Kansas and at Harvard University, and his Ph.D. degree at Harvard University in 1929.

Dr. Derby joined the faculty at The Ohio State University as a Professor in 1939. Prior to that time he served as Professor at Southwestern College and as Professor and Head of Department at Iowa State College.

At The Ohio State University, he was Chairman of the Colleges of Arts and Sciences Curriculum Committee, Chairman of the Colleges of Arts and Sciences Committee on International Studies, and was a member of the Graduate Council. For the Department of English, he served as Chairman of the Graduate Committee.

Dr. Derby taught and published primarily in English romantic literature and for years edited the Modern Language Association annual bibliography, "The Romantic Movement."

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Laurence N. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on September 25, 1982, of Laurence N. Snyder, Professor Emeritus in the School of Health, Physical Education and Recreation.

Laurence "Larry" Snyder was born in Canton, Ohio, August 9, 1896. He graduated from Canton Central High School in 1915 and later served in the Army Air Force during World War I. In the fall of 1922, he enrolled at The Ohio State University and graduated with a bachelor of science degree in 1925. As an undergraduate, Snyder won national recognition as a track star, setting University records in both the high and low hurdles, in the high jump and in the long jump. As a senior, he won the Big Ten Scholarship Medal for combined excellence in scholastic achievement and in athletic accomplishments.

In 1925, Snyder was hired as assistant track coach at The Ohio State University, and thus began what was to become a long and distinguished career in the sport of track. In 1932, he was named head track coach at Ohio State, where he remained until his retirement in 1965, except for the 1943-45 period, when he enlisted in the Navy during World War II.

November 5, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Laurence N. Snyder (contd)

Larry Snyder gained national recognition as track coach. His Ohio State track teams won six Big Ten championships. He coached seven athletes to Olympic prominence, including the late Jesse Owens, one of the greatest track athletes of all time.

Snyder was a member of the U. S. Olympic coaching staff in 1936 and again in 1952. He was named Head Olympic Coach for the 1960 Games in Rome.

Snyder was a member of the U. S. Track and Field Hall of Fame, the Helms Foundation Track and Field Hall of Fame and The Ohio State University Athletic Hall of Fame.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-55

Synopsis: The reports on contracts, grants, and gifts and the summary for September are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of September 1982, be approved.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	72	\$4,383,591.41
Engineering Experiment Station	51	934,747.00
Ohio Agricultural Research and Development Center	20	878,095.00
		\$6,196,433.41
The Ohio State University Development Fund		
Establishment of Named Funds		
The Harry Russell Ansel Scholarship Fund (College of Engineering)		\$ 50,000.00
The Mildred Horton Ansel Scholarship Fund (College of Medicine)		\$ 50,000.00
The Sphinx Endowment Fund (Scholarships - Sphinx members)		\$ 40,000.00
The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies (University Center for International Studies)		\$ 11,000.00
The Eugene J. Weigel Memorial Scholarship for Music Education (Undergraduate students - School of Music)		\$ 8,655.00
The S. Rains Wallace Creativity Fund (Department of Psychology)		\$ 5,204.50
The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund (Scholarships - Department of Aviation)		\$ 5,022.93

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR SEPTEMBER 1982 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Torrence A. Makley Fund (Ophthalmology research)	\$ 5,000.00
The Dean and Lucille Tresch Scholarship Fund (Department of Horticulture)	\$ 5,000.00

Report from Presidents Club

Members to date	4,564
1982 members: year to date	100
New members - September 1982	9

New Presidents Club Members - September 1982

John M. Cutter	Richard M. Mora
Irene A. Heiberger (Mrs. James O.)	Leo A. Paquette
Tab Hiatt (Mrs. N. Wayne)	Robert P. Schlegel
W. Brian O'Malley	Rosetta Hayes Tyler
Marguerite Carlin Price	

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1982 through September 30, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Projects	Support Level
FEDERAL		
National Aeronautics and Space Administration	7	\$ 234,149.00
National Science Foundation	33	2,126,189.00
Department of Defense	13	594,391.00
Department of Energy	4	628,664.00
Department of Education	15	1,479,499.00
Department of Health and Human Services	43	4,271,598.00
Other Federal	23	5,779,468.00
TOTAL - FEDERAL	138	\$15,113,958.00
STATE OF OHIO	15	\$ 433,210.00
INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL SPONSORS	87	\$ 2,748,750.72
GRAND TOTAL	240	\$18,295,918.72

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

FIRST QUARTER SUMMARY

July 1, 1982 through September 30, 1982

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Projects	Support Level
STATE OF OHIO	4	\$ 401,238.00
INDUSTRIAL AND OTHER	50	1,068,012.00
TOTAL	54	\$1,469,250.00

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,041,541.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1983. (Project 760081 - Continuation)

\$475,000.00 - Department of Energy, Washington, D. C., Research and Technical Assistance in Public Utility Regulation Primarily for State Commissions, National Regulatory Research Institute (D. N. Jones), 14 October 1981 through 14 October 1982. (Project 761932 - Continuation)

\$330,000.00 - Department of Education, National Institute of Education, Washington, D. C., ERIC Clearinghouse on Adult, Career, and Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 14 September 1982 through 13 September 1983. (Project 762872 - Continuation)

\$193,908.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Clinical Trial of Extracorporeal Carbamylation, Department of Medicine (S. P. Balcerzak), 1 September 1982 through 31 August 1983. (Project 763266 - New)

\$180,661.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Minority Student Recruitment, Preparation and Retention Program Towards Careers in Dentistry, Medicine, Optometry, Pharmacy, and Veterinary Medicine, College of Medicine - Administration (E. C. Craig), 1 September 1982 through 31 August 1983. (Project 762834 - Continuation)

\$100,000.00 - National Science Foundation, Washington, D. C., Developmental Work on Academic Discipline Price Indexes, University Fiscal Officer (G. W. Baughman), 1 October 1982 through 9 September 1983. (Project 762267 - Continuation)

\$99,902.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Tailored Airfoils for Wind Turbine Applications, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and J. D. Lee), 15 September 1982 through 14 September 1983. (Project 763285 - New)

\$91,431.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Environmental Health Sciences, Bethesda, Maryland, Detection of DNA Damage Following Exposure to Genotoxins, Departments of Pharmacology and Radiology (S. M. D'Ambrosio) and Department of Medicine (R. Whisler), 1 September 1982 through 31 August 1983. (Project 762787 - Continuation)

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$87,887.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, The Development of Precerebellar Nuclei, Department of Anatomy (J. S. King), 1 September 1982 through 31 August 1983. (Project 760045 - New)

\$80,144.00 - Environmental Protection Agency, Washington, D. C., Development of a Tissue Selective Bioassay for Environmental Agents Producing DNA Damage, Department of Radiology (S. M. D'Ambrosio), 1 July 1982 through 1 March 1983. (Project 761447 - Continuation)

\$79,285.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, A Cancer Center Patient Data System, Cancer Research Center and Department of Preventive Medicine (M. D. Keller) and Cancer Research Center (N. A. Reiches), 1 July 1982 through 30 June 1983. (Project 760789 - Continuation)

\$61,562.00 - Nuclear Regulatory Commission, Washington, D. C., An Evaluation of the Benefits of Response-Time in Fiber Testing of Neutron Sensors Used in Nuclear Power Reactor Protection Systems, Engineering Experiment Station (D. W. Miller), 1 October 1982 through 30 September 1983. (Project 763291 - New)

\$57,986.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Genetics of Antibiotic Biosynthesis in *S. coelicolor*, Department of Chemistry (H. G. Floss), 1 September 1982 through 31 August 1983. (Project 763275 - New)

\$54,699.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Diabetes-Vitamin E-Vascular Degeneration, Department of Physiological Chemistry (R. V. Panganamala), 1 September 1982 through 31 July 1983. (Project 761628 - Continuation)

\$53,194.00 - Department of Energy, Albuquerque Operations Office, Albuquerque, New Mexico, Salt Gradient Solar Pond Development, Department of Physics (C. E. Nielsen), 1 September 1982 through 31 August 1983. (Project 763300 - Continuation)

\$50,000.00 - Federal Emergency Management Agency, Washington, D. C., Emergent Groups in the Emergency Periods of Disasters: An Initial Systematic Study, Department of Sociology (E. L. Quarantelli), 1 September 1982 through 31 August 1983. (Project 763270 - New)

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$43,340.00 - Department of the Air Force, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Effects of Assuming Independent Component Failure Times, If They Are Actually Dependent, In a Series System, Department of Preventive Medicine (M. L. Moeschberger) and Department of Statistics (J. P. Klein), 1 September 1982 through 31 August 1983. (Project 763265 - New)

\$41,613.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modelling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 August 1982 through 28 February 1983. (Project 763264 - New)

\$40,600.00 - National Science Foundation, Washington, D. C., Rainfall Studies Using the Differential Reflectivity Radar Techniques, Department of Electrical Engineering (T. A. Seliga), 1 June 1981 through 31 December 1982. (Project 762445 - Continuation)

\$40,000.00 - Department of Agriculture, Cooperative State Research Service, Arlington, Virginia, Induced Parturition and Vitamin D in the Prevention of Mineral Imbalance in Cows, Department of Veterinary Pathobiology (C. C. Capen) and Department of Veterinary Clinical Sciences (C. F. Hoffsis and W. R. Threlfall), 15 September 1982 through 30 September 1983. (Project 763296 - New)

\$37,211.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Research Related to Inertial Survey Systems, Department of Geodetic Science (I. I. Mueller), 1 October 1982 through 30 September 1983. (Project 763302 - Continuation)

\$36,402.00 - Department of Education, Office of Educational Research and Improvements, Washington, D. C., Career Planning Support System, Developer Demonstrator Project, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 31 August 1983. (Project 763287 - New)

\$34,954.00 - Department of the Navy, Naval Air Development Center, Warminster, Pennsylvania, On Aircraft Antennas, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 7 September 1982 through 6 September 1983. (Project 763280 - New)

\$34,143.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Division of Nursing, Hyattsville, Maryland, Women's Health Research Program, School of Nursing (J. S. Stevenson), 1 July 1982 through 30 June 1983. (Project 762275 - Continuation)

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$33,042.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Hormonal and Dietary Control of ATP Citrate Lyase, Department of Food Science and Nutrition (K. L. Roehrig), 1 September 1982 through 31 August 1983. (Project 762408 - Continuation)

\$24,570.00 - Defense Systems Automation Center, Columbus, Ohio, Computer-Based Education Courseware, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 September 1982 through 30 June 1983. (Project 763298 - New)

\$21,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Development of Low Cost Filler Materials for Welding High Strength Steels and Titanium Alloys, Department of Welding Engineering (D. G. Howden), 1 September 1982 through 31 December 1982. (Project 762890 - Continuation)

\$19,603.00 - Department of Education, Rehabilitation Services Administration, Washington, D. C., Traineeships for Graduate Education of Audiologists and Speech-Language Pathologists, Department of Communications (E. J. Hardick), 1 September 1982 through 31 August 1983. (Project 760885 - Continuation)

\$18,867.00 - Environmental Protection Agency, Washington, D. C., Evaluation of a Short-Term *In Vivo* System for Risk Assessment of Environmental Chemicals, Department of Pharmacology (D. Couri), 1 April 1982 through 31 March 1983. (Project 762125 - Continuation)

\$15,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Moorestown, New Jersey, Ohio Plant Pest Survey, Cooperative Extension Service - Field Operations (G. R. Gist, Jr.), 1 July 1982 through 30 September 1982. (Project 763261 - New)

\$14,000.00 - Department of Agriculture, Forest Service, Northeastern Forest Experiment Station, Delaware, Ohio, Silvicultural and Financial Consequences of Alternative Cutting Strategies in Even-Aged Upland Central Hardwood Stands, Ohio Agricultural Research and Development Center, Department of Forestry (R. B. Heiligmann), 1 September 1982 through 30 June 1985. (Project 763286 - New)

\$10,000.00 - Department of the Interior, Geological Survey, Water Resources Division, Columbus, Ohio, Publication of Water Use Data for the State of Ohio, Cooperative Extension Service - State Operations (T. L. Jones), 15 September 1982 through 30 June 1983. (Project 763279 - New)

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,469.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Film Digitization Criteria for Kinematic Analyses, Department of Mechanical Engineering (H. R. Busby), 1 September 1982 through 31 December 1982. (Project 763272 - New)

\$5,250.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Polymerized Tumor Antigen-Adjuvant Immunotherapy, Cancer Research Center (J. A. Neidhart), 1 July 1982 through 30 September 1982. (Project 761757 - Continuation)

\$3,685.00 - Department of Education, National Institute of Education, National Commission on Excellence in Education, Washington, D. C., Patterns of Course Taking in High School: An Analysis of the National Longitudinal Survey Youth Transcript Data, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 30 September 1982. (Project 763297 - New)

\$3,083.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1982 through 28 February 1983. (Project 762587 - Continuation)

\$3,000.00 - Department of the Interior, Fish and Wildlife Service, Washington, D. C., Status and Population Dynamics of White Perch (*Morone Americana*) in Lake Erie, Department of Zoology (T. J. Peterle, F. J. Margraf, and R. F. Carline), 1 April 1981 through 1 April 1983. (Project 762625 - Continuation)

\$3,000.00 - National Science Foundation, Washington, D. C., Informed Consent - A Linguistic Approach to the Improvement of the Physician-Patient Communication Process, College of Medicine - Administration (M. Tzagournis), 1 January 1981 through 31 August 1983. (Project 763269 - New)

\$1,300.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Simulation Studies of Apportionment of Braking Effort for the Development of Truck Braking Standards, Department of Mechanical Engineering (G. L. Kinzel and D. A. Guenther), 30 June 1982 through 30 September 1982. (Project 762085 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$3,528,332.00

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$150,000.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science - Administration, Center for Real Estate Education and Research (R. L. Racster), 1 July 1982 through 30 September 1983. (Project 763277 - New)

\$142,100.00 - Ohio Air Quality Development Authority, Columbus, Ohio, Sources of Soil, Surface Water and Precipitation Acidity and Related Effects on Soil, Plant Growth and Microorganism Activity, Ohio Agricultural Research and Development Center, Laboratory for Environmental Science (T. C. Weidensaul), 1 September 1982 through 31 August 1983. (Project 763273 - New)

\$15,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 29 July 1982 through 30 September 1982. (Project 763255 - Continuation)

\$9,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of Statewide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 July 1982 through 30 September 1982. (Project 763053 - Continuation)

\$9,130.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Desipramine Plasma Levels and Clinical Response in Outpatients with Primary Depression, Department of Psychiatry (S. L. Stern and B. A. Jones), 1 September 1982 through 30 June 1983. (Project 763295 - New)

\$7,344.00 - State of Ohio, Department of Commerce, Division of Real Estate, Columbus, Ohio, Center for Real Estate Education and Research, College of Administrative Science - Administration, Center for Real Estate Education and Research (R. L. Racster), 1 June 1982 through 30 September 1983. (Project 762738 - Continuation)

\$6,000.00 - Ohio Arts Council, Columbus, Ohio, Arts of the Book Apprenticeship, Department of Art Education (R. C. Tauber), 1 July 1982 through 30 June 1983. (Project 763283 - New)

\$1,944.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, Evaluation of Functioning of Discharged Psychiatric Patients, School of Public Administration (C. R. Huff), 1 September 1982 through 30 June 1983. (Project 763260 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS

\$ 341,318.00

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$100,000.00 - Pfizer, Inc., Groton, Connecticut, Support for Facilities for Performing Clinical Pharmacology Studies, Department of Pharmacology (J. R. Bianchine), 1 October 1982 through 30 September 1983. (Project 760484 - Continuation)

\$54,663.00 - Associated Builders and Contractors, Inc., Washington, D. C., Painter and Plumber Apprenticeships Curriculum Development for Wheels of Learning Construction Training Program, Academic Faculty of Industrial Technology (D. G. Lux), 1 May 1982 through 31 July 1983. (Project 763268 - Continuation)

\$51,742.00 - Children's Hospital Research Foundation, Columbus, Ohio, Cephalaxin or Cephadroxil Treatment of Contaminated Wounds, Department of Preventive Medicine (D. A. Rund), 15 August 1982 through 14 August 1983. (Project 763267 - New)

\$34,790.00 - The Procter and Gamble Company, Cincinnati, Ohio, A Double Blind Parallel Comparison Among Four Different Aspirin Preparations and Placebo Following Tooth Extraction in Dental Patients, College of Dentistry (J. M. Weaver and F. M. Beck), 15 September 1982 through 30 April 1983. (Project 763293 - New)

\$27,962.26 - E. I. duPont de Nemours and Company, Wilmington, Delaware, Multiple Dose Tolerance and Pharmacokinetic Study with EN212 at 32 Mg (M-11), Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

\$22,436.00 - Merck and Company, Rahway, New Jersey, Parasite Control Program for Dairy Replacement Heifers Using Ivermectin, Department of Veterinary Pathobiology (R. P. Herd) and Department of Preventive Medicine (L. E. Heider), 1 May 1982 through 30 June 1983. (Project 762697 - Continuation)

\$20,898.00 - University of Cincinnati, Cincinnati, Ohio, OSU Participation in NIH Grant No. R05 AM-27517-03 Titled "Bio Mechanics of Ligament/Tendon Repair and Grafts," Department of Veterinary Clinical Sciences (R. B. Hohn and M. L. Olmstead), 1 August 1982 through 31 July 1983. (Project 762827 - Continuation)

\$19,999.00 - State of New Hampshire, Occupational Information Coordinating Committee, Concord, New Hampshire, Update and Review of New Hampshire VIEW Manual, The National Center for Research in Vocational Education (R. E. Taylor), 25 August 1982 through 24 January 1983. (Project 763288 - New)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$19,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 22 September 1982 through 31 December 1982. (Project 763292 - New)

\$18,500.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, Detection and Characterization of Novel Virus-Like Disease Agents in Maize, Ohio Agricultural Research and Development Center, Department of Plant Pathology (O. E. Bradfute), 1 September 1982 through 31 August 1985. (Project 763262 - New)

\$16,700.00 - Purdue University, West Lafayette, Indiana, Taxes, Mortgage Instruments and Housing, College of Administrative Science - Continuing Education (P. H. Hendershott), 1 July 1981 through 15 January 1982. (Project 763282 - New)

\$15,600.00 - Vocational Industrial Training Board, Singapore, Vocational Industrial Training Board Fellowship Program - Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 31 March 1983. (Project 763274 - New)

\$15,539.00 - Boehringer Ingelheim, LTD, Ridgefield, Connecticut, Analysis of Dipyrindamole in Plasma, Department of Veterinary Clinical Sciences (R. A. Sams), 1 November 1981 through 31 December 1982. (Project 762928 - Continuation)

\$14,796.00 - Ohio Cancer Research Associates, Columbus, Ohio, Evaluation of Human Tumors by Stem Cell Assay, Department of Physiological Chemistry (G. E. Milo), 1 October 1982 through 30 September 1983. (Project 763303 - New)

\$13,689.00 - Kali-Duphar Laboratories, Inc., Columbus, Ohio, Analysis of Ritonidine Hydrochloride in the Management of Premature Labor, Cancer Research Center (N. A. Reiches) and Department of Preventive Medicine (M. L. Moeschberger), 1 August 1982 through 30 April 1983. (Project 763290 - New)

\$12,917.31 - Pfizer, Inc., Groton, Connecticut, Phase I Two-Part Escalating Single Blind Placebo Controlled Randomized Toleration and Open Randomized Bioavailability Study of an Oral Formulation of Levonantradol, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

\$12,228.00 - Abbott Laboratories, North Chicago, Illinois, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$8,008.84 - E. I. duPont de Nemours and Company, Wilmington, Delaware, Bioavailability/Pharmacokinetics Study of Oral Nalbuphine, Acetaminophen, and Nalbuphine/Acetaminophen Tablets, Department of Pharmacology (J. R. Bianchine and P. B. Hollander), 1 March 1982 through 28 February 1983. (Project 763104 - Continuation)

\$8,000.00 - National Kidney Foundation of Central Ohio, Inc., Columbus, Ohio, Fc Receptor Binding of Soluble Immune Complexes by Monocytes and Polymorphonuclear Leukocytes from Patients with Immune Mediated Diseases, Department of Medicine (F. G. Cosio), 15 October 1982 through 30 June 1983. (Project 763276 - New)

\$6,416.00 - Hoffmann-LaRoche, Inc., Nutley, New Jersey, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, and J. L. Plouffe), 1 March 1982 through 28 February 1983. (Project 763020 - Continuation)

\$6,000.00 - American Cancer Society, Ohio Division, Cleveland, Ohio, Macrophages as Tumor Promoters, Department of Medicine (J. J. Rinehart), 1 July 1982 through 30 June 1983. (Project 763299 - New)

\$5,996.00 - Chemical Abstracts Service, Division of the American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. G. Shulman), 15 September 1982 through 15 December 1982. (Project 762213 - Continuation)

\$4,822.00 - Adria Laboratories, Columbus, Ohio, Stem Cell Assay Screen of Eight Adriamycin Analogues, Department of Veterinary Pathobiology (J. P. Schaller), 1 July 1982 through 31 December 1982. (Project 763294 - New)

\$2,239.00 - Wilberforce University, Wilberforce, Ohio, Evaluation of Student Academic Skills Development Program at Wilberforce University, The National Center for Research in Vocational Education (R. E. Taylor), 15 August 1982 through 30 September 1982. (Project 763281 - New)

\$1,000.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 28 February 1983. (Project 763026 - Continuation)

**TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-
FEDERAL RESEARCH CONTRACTS/GRANTS**

\$ 513,941.41

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$108,968.00 - State of Ohio, Department of Transportation, Columbus, Ohio, Long-Term Strength of Embankment Materials: Shale and Colluvium, Department of Civil Engineering coordinated through Transplex, September 1, 1982 through August 31, 1983. (EES 529628)

\$100,532.00 - Ohio Environmental Protection Agency, Columbus, Ohio, Transport and Transformation of Airborne Pollutants, Atmospheric Sciences Program, July 1, 1982 through June 30, 1983. (EES 529629)

TOTAL - STATE SPONSORED RESEARCH AND DEVELOPMENT	\$209,500.00
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Industry and Other Sponsored Research and Development

\$250,001.00 - Gas Research Institute, Chicago, Illinois, Location of Buried Pipe--Development of an Improved Terrascan Unit, ElectroScience Laboratory, April 4, 1982 through March 31, 1983. (EES 529623, Extension 2)

\$475,246.00 - Forty-eight industries for 48 development projects under the direction of ten engineering departments and research areas.

TOTAL - INDUSTRY AND OTHER SPONSORED RESEARCH AND DEVELOPMENT	\$725,247.00
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OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$133,981.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on genetics and pathogenesis of leg weakness in turkeys, Department of Poultry Science, August 15, 1982 to August 31, 1985. (Agreement No. 82-CRSR-2-1076)

\$130,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on immunization of cows with rota-coronavirus vaccines and protection in calves, Department of Veterinary Science, September 1, 1982 to August 31, 1985. (Agreement No. 82-CRSR-2-2019)

\$79,365.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on a farmstead energy center based upon corn cob combustion and cogeneration, Department of Agricultural Engineering, September 15, 1982 to September 30, 1984. (Agreement No. 82-CRSR-2-2014)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Federal Contracts/Grants (contd)

\$78,896.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of the North Central Region Special Studies Program for Pesticide Impact Assessment, Department of Entomology, October 1, 1982 to September 30, 1984. (Agreement No. 80-CRSR-2-0513)

\$65,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on defining the role of cryptosporidiosis in the calf enteric disease complex, Department of Veterinary Science, September 1, 1982 to August 31, 1984. (Agreement No. 82-CRSR-2-2018)

\$45,712.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on growth of environmental streptococci in nonlactating bovine mammary secretions, Department of Dairy Science, September 1, 1982 to August 31, 1983. (Agreement No. 82-CRSR-2-1071)

\$29,329.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, support of a study on role of glyceollin in the biochemical mechanism of root tolerance to phytophthora in soybean, Departments of Plant Pathology and Agronomy, September 15, 1982 to September 30, 1983. (Agreement No. 82-CRSR-2-1047)

\$17,787.00 - U. S. D. A., Forest Service, Northeastern Forest Experiment Station, Broomall, Pennsylvania, support of a study on recreational use of urban forest resources: a case study of Columbus, Ohio, Department of Natural Resources, June 1, 1982 to May 31, 1983.

\$11,000.00 - Agricultural Research Service, Science and Education, U. S. Department of Agriculture, Peoria, Illinois, continued support of a study on efficacy, phytotoxicity and environmental effects of fungicides on ornamental crops--minor use, Department of Plant Pathology, September 5, 1982 to September 4, 1983. (Agreement No. 58-519B-8-793)

TOTAL - FEDERAL CONTRACTS/GRANTS

\$591,070.00

State of Ohio Contracts/Grants

\$71,375.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study to investigate the effects of vinification procedures on the quality of labrusca type wines, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-3)

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

State of Ohio Contracts/Grants (contd)

\$52,250.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on improving and controlling quality of Ohio table wines, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-4)

\$39,250.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on identification and development of economically efficient grape cultural practices and cultivars for the soils and climate of Ohio, Department of Horticulture, July 1, 1982 to June 30, 1983. (Contract No. 82-1)

\$26,875.00 - State of Ohio, Department of Agriculture, Ohio Grape Industries Committee, Columbus, Ohio, support of a study on epidemiology and field prediction of grape, berry and leaf infection by downy mildew and black rot, Department of Plant Pathology, July 1, 1982 to June 30, 1983. (Contract No. 82-2)

\$25,000.00 - State of Ohio, Department of Agriculture, Columbus, Ohio, support of an Ohio demonstration project--biogas (methane) from manure, Department of Agricultural Engineering, September 1, 1982 to August 31, 1983.

TOTAL - STATE OF OHIO CONTRACTS/GRANTS **\$214,750.00**

Industrial and Other Contracts/Grants

\$29,275.00 - Ross Laboratories, Columbus, Ohio, continued support of a study on rotavirus: continued studies on immunization of prepartum dairy cows, Department of Dairy Science, April 1, 1982 to March 31, 1984.

\$20,000.00 - Pioneer Hi-Bred International, Inc., Johnston, Iowa, support of a study on testcross evaluation of soybean germplasm, Department of Agronomy, October 1, 1982 to September 30, 1984.

\$12,000.00 - American Soybean Association, St. Louis, Missouri, support of a study on optimizing soy oil soapstock in dairy lactation rations, Department of Dairy Science, October 1, 1982 to September 30, 1983. (Contract No. ASARP 83781)

Rohm and Haas Company, Philadelphia, Pennsylvania, agreement for OARDC to provide wheat varieties and germplasm for the development of new wheat hybrids. OARDC is to receive royalties equal to the greater of: fifty cents per bushel, or two percent (2%) of the net selling price, Department of Agronomy. Duration of agreement--ten years from effective date.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$ 61,275.00**

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Gifts of \$5,000 or More

\$ 6,000.00 Dow Chemical Company, Midland, Michigan

\$ 5,000.00 Ohio Turfgrass Foundation, Columbus, Ohio

TOTAL - GIFTS OF \$5,000 OR MORE

\$ 11,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$65,210.00 Procter & Gamble, Cincinnati, Ohio: \$61,210.00 for Toxic Shock Research Fund and \$4,000.00 for Procter & Gamble Biological Science Fellowships Fund.

\$52,800.00 Armco Foundation, Middletown, Ohio: \$50,000.00 for Armco Foundation Grant Fund; \$2,000.00 for Student Athlete Grant-In-Aid Fund; \$600.00 for Mars G. Fontana Endowment Fund; and \$200.00 for Class of 1931 Fund.

\$27,164.00 Charles F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation Scholarship Fund.

\$20,000.00 Harold McMaster, Woodville, Ohio, for College of Engineering Campaign Fund.

\$20,000.00 Iddings Foundation, Dayton, Ohio, for Iddings Foundation Scholarship Fund.

\$14,543.77 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.

\$13,112.00 Trust Under the Will of Grace Washburn, Bucyrus, Ohio, for Grace High Washburn Trust Scholarship Fund.

\$12,900.00 Lubrizol Foundation, Wickliffe, Ohio: \$8,500.00 for Lubrizol Foundation Fellowship Fund for Chemical Engineering; \$2,000.00 for Lubrizol Foundation Scholarship Fund for Chemical Engineering; \$1,200.00 for Lubrizol Foundation Scholarship Fund for Mechanical Engineering; \$600.00 for Lubrizol Foundation Scholarship Fund for Accounting; and \$600.00 for Lubrizol Foundation Scholarship Fund for Mathematics.

\$10,072.00 Midland-Ross Foundation, Cleveland, Ohio: \$10,000.00 for Civil Engineering Construction Operations Simulation Laboratory Fund and \$72.00 for Friends of WOSU Fund.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$10,000.00 Ohio Food Processors Association, Worthington, Ohio, for Endowed Chair in Food Industries Fund.
- \$ 9,245.00 Council for Chemical Research, Inc., Trexlertown, Pennsylvania: \$7,509.00 for Council for Chemical Research, Inc., Chemical Engineering Support Fund and \$1,736.00 for Council for Chemical Research, Inc., Chemistry Support Fund.
- \$ 6,629.97 Ross Laboratories, Columbus, Ohio: \$3,000.00 for Endowed Chair in Food Industries Fund; \$2,129.97 for Tumor Immunology Program Fund; \$1,000.00 for Hematology and Cancer Research Fund; and \$500.00 for Canter's Cave 4-H Camp Fund.
- \$ 6,000.00 Tool, Steel, Gear, and Pinion Foundation, Cincinnati, Ohio, for Gear Dynamics and Gear Noise Research Laboratory Fund.
- \$ 5,680.00 Ernst & Whinney Foundation, Cleveland, Ohio: \$5,580.00 for Ernst & Whinney Accounting Grant Fund and \$100.00 for Friends of WOSU Fund.
- \$ 5,250.00 Bausch & Lomb Optical Company, Rochester, New York: \$3,750.00 for Optometry Research Fund and \$1,500.00 for Ohio Lions Fund.
- \$ 5,000.00 Phi Beta Psi Sorority, Lima, Ohio, for Cancer Research Fund.

Establishment of Named Funds

The Harry Russell Ansel Scholarship Fund

The Harry Russell Ansel Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mildred Horton Ansel, B.S.Edu. '22, of Fort Lauderdale, Florida, in memory of her husband, Harry Russell Ansel, M.E. '20.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Engineering. Awards shall be made by the Dean of the College of Engineering on the basis of (1) the completion of one full year of work; (2) the recipient must have ranked in grades for the previous full year in the upper half of his or her class; and (3) the recipient must stand in need of financial assistance with which to continue his or her studies.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harry Russell Ansel Scholarship Fund (contd)

No discrimination shall be made in the awarding of such benefits on the basis of age, sex, race or religion. Graduate students shall be eligible, whether married or single, but undergraduate students shall be eligible only if single. No person shall be eligible to receive an award, nor shall any award be continued for any person who participates directly in any subversive or forceful demonstration against either the University or any branch of the Federal or State governments.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

The Mildred Horton Ansel Scholarship Fund

The Mildred Horton Ansel Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from Mildred Horton Ansel, B.S.Edu. '22, of Fort Lauderdale, Florida, in memory of her father, Elmer G. Horton, M.D.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance for students in the College of Medicine. Awards shall be made by the Dean of the College of Medicine on the basis of (1) the completion of one full year of work; (2) the recipient must have ranked in grades for the previous full year in the upper half of his or her class; and (3) the recipient must stand in need of financial assistance with which to continue his or her studies. No discrimination shall be made in the awarding of such benefits on the basis of age, sex, race or religion. No person shall be eligible to receive an award, nor shall any award be continued for any person who participates directly in any subversive or forceful demonstration against either the University or any branch of the Federal or State governments.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical education.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Sphinx Endowment Fund

The Sphinx Endowment Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members and friends of the Sphinx Senior Class Honor Society.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide funds for any or all of the following:

1. One or more scholarships to members of the current class of active Sphinx members who are entering or in their senior year of undergraduate study at The Ohio State University;
2. The continued maintenance and addition of class plaques to the Sphinx Plaza;
3. To cover the costs of necessary communications with Sphinx members for gift support and reunion activities.

Approval of all expenditures will be made by the Sphinx Alumni Council made up of the current active chapter Sphinx President, the Sphinx Faculty Advisor, the Director of Alumni Affairs, and three Sphinx alumni appointed by The Ohio State University Alumni Association Board of Directors.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of The Ohio State University.

The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies

The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the friends of Louise Zung-nyi Loh, of Dayton, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Louise Zung-nyi Loh Scholarship Fund in East Asian Studies (contd)

The annual income is to be used to provide one or more scholarships for undergraduate or graduate students who have demonstrated an interest in East Asian studies. The selection of the recipients is to be made upon the recommendation of the Director of the East Asian Studies Program, University Center for International Studies, in consultation with a committee of three persons, including the Director himself, the Chairperson of the Department of East Asian Languages and Literatures, and Professor Samuel C. Chu, as long as he is an active member of The Ohio State University faculty. Preference is to be given to students with academic potential and a need for financial assistance. If, in the opinion of the selection committee, there are no qualified students in any given year, the income should be carried over into the next year for use at that time.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for East Asian studies.

The Eugene J. Weigel Memorial Scholarship for Music Education

The Eugene J. Weigel Memorial Scholarship for Music Education was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and members of The OSU Marching Band in memory of Eugene J. Weigel, Professor and Director Emeritus of the School of Music and Director of the Marching Band for ten years.

These gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded to one or more outstanding undergraduate students majoring in music. Recipients will be determined by the established procedures within the School of Music, with final approval by the Director of the School of Music, who will also approve requisitions for payment.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to awards for (1) members of the marching band, (2) music majors, and/or (3) others recommended by the appropriate administrative official of the University responsible for music education.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The S. Rains Wallace Creativity Fund

The S. Rains Wallace Creativity Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends of S. Rains Wallace, Professor and Chairman of Psychology at OSU from 1970 to 1973, in his memory.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide resources for Department of Psychology faculty members to engage in professional renewal through attendance at conferences, workshops, and symposia in their respected fields. All expenditures are to be approved by the Chairman of the Department of Psychology and the Dean of the College of Social and Behavioral Sciences.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for psychology education.

The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund

The Frank E. and Harriet E. Hedrick Scholarship Endowment Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Frank E. Hedrick and Harriet E. Hedrick.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to students enrolled in the Department of Aviation with proven academic ability, financial need and good moral character. The selection of the recipient is to be made upon the recommendation of the Dean of the College of Engineering and the Chairman of the Department of Aviation. The University is authorized to invade the principal amount of the endowment as and when it shall be necessary to grant scholarships.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

November 5, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Torrence A. Makley Fund

The Torrence A. Makley Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund by alumni, patients, and friends of the Department of Ophthalmology in the College of Medicine.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The principal and/or income is to be used to support and advance ophthalmology research.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Medicine's Department of Ophthalmology.

The Dean and Lucille Tresch Scholarship Fund

The Dean and Lucille Tresch Scholarship Fund was established November 5, 1982, by the Board of Trustees of The Ohio State University with a gift from Dean and Lucille Tresch.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship(s) to assist a sophomore, junior or senior student(s) whose major study is pomology, or food processing and technology, in the Department of Horticulture of the College of Agriculture and Home Economics. The designation of the recipient(s) is to be based upon the recommendation of the Dean of the College of Agriculture and Home Economics in cooperation with the Chairperson of the Department of Horticulture and an appropriate person from the academic area of pomology, food processing and technology. In the event that the scholarship is unused, the annual income shall be added to the principal of The Dean and Lucille Tresch Scholarship Fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official who is then responsible for the Department of Horticulture.

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November 5, 1982 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT
UNIVERSITY ART CENTER**

Resolution No. 83-56

Synopsis: Authorization to employ an architectural firm to provide the design for a University Art Center is requested.

WHEREAS there is a critical need for a facility to house The Ohio State University's outstanding art collections, to provide workshop and research space for the arts, and to serve as a focal point for individual and collective creative expression in all the visual arts; and

WHEREAS to ensure the selection of a design for a University Art Center that will be distinctive, creative, and expressive of the arts, the President has proposed that architectural firms be invited to submit competitive designs, to be judged by a select jury appointed by the President; and

WHEREAS funds for construction of the Art Center, including an amount not to exceed \$150,000 to pay the firms invited to submit designs and to pay other expenses of the competition, will be provided from contributions to The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to invite architectural firms to submit competitive designs for a University Art Center, to be judged by a select jury appointed by the President; to authorize expenditure, from contributed funds, of a total amount not to exceed \$150,000 to pay the firms so invited for the submission of designs and to pay other expenses of the competition; and to employ an architectural firm after receiving recommendations from the select jury, with such actions to be reported at a later meeting of the Board.

Upon motion of Mr. Havens, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-57

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President has recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

November 5, 1982 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HAYES HALL AIR CONDITIONING

Project: Major renovations to Hayes Hall were completed in 1978. At that time the design included the possibility of air conditioning when funding was available. Therefore, this project will include installation of a chiller and associated equipment necessary to provide air conditioning for this complete building.

Funding: Local University Funds

Estimated Project Cost: \$89,500.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-58

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS a resolution adopted by the Board of Trustees at a previous meeting authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

November 5, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**SAWTOOTH REPLACEMENT, PHASE I
(JOHNSTON LABORATORY REMODELING)**

Description: This project will provide for remodeling in Johnston Laboratory for relocation of a portion of personnel and functions currently housed in the Sawtooth portion of McPherson Chemistry Laboratory. This will permit continuation of these programs during the necessary site clearing for, and construction of, a new chemistry building.

General Contract

Date Received:	September 22, 1982
No. of Bids:	10
Low Bid:	\$193,025.00*
High Bid:	\$254,744.00*
Estimate of Cost:	\$269,052.23*
Awarded to:	Ed Ross Construction, Columbus, Ohio

Plumbing Contract

Date Received:	September 22, 1982
No. of Bids:	7
Low Bid:	\$ 84,177.00
High Bid:	\$143,600.00
Estimate of Cost:	\$100,925.00
Awarded to:	R. H. Reeb Company, Columbus, Ohio

Heating, Ventilating and Air Conditioning Contract

Date Received:	September 22, 1982
No. of Bids:	7
Low Bid:	\$ 68,800.00
High Bid:	\$ 84,930.00
Estimate of Cost:	\$ 85,470.00
Awarded to:	Bruner Corporation, Columbus, Ohio

Electrical Contract

Date Received:	September 22, 1982
No. of Bids:	6
Low Bid:	\$ 36,197.00
High Bid:	\$ 48,565.00
Estimate of Cost:	\$ 51,537.85
Awarded to:	Frush and Homan Co., Columbus, Ohio

*Recommended alternates reflected in these figures.

November 5, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**SAWTOOTH REPLACEMENT, PHASE I
(JOHNSTON LABORATORY REMODELING) (contd)**

Total All Contracts: \$382,199.00

Total Contingency Allowance: \$ 40,499.35 which is 11 per cent of construction contracts

Total Project Cost: \$653,791.00

Funding: Amended Substitute H. B. 552 (1981-83 Biennium) and Local Funds.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the action previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**NON-MANDATORY TRANSFER FROM CURRENT FUNDS
FISCAL YEAR 1981-82**

Resolution No. 83-59

Synopsis: Transfers to Loan Funds, Endowment Principal Funds, Unexpended Plant Funds, Renewals and Replacements Funds-Remodeling and Renovation, and Renewals and Replacements Funds-Repairs and Replacements is being recommended for approval.

WHEREAS non-mandatory transfers from current funds for the fiscal year 1981-82 have been made; and

WHEREAS this accounting procedure is in compliance with the Auditor of State that all transfers made among fund groups during the fiscal year be reported:

NOW THEREFORE

BE IT RESOLVED, That the transfers as detailed in the accompanying report be accepted and approved.

Upon motion of Mr. Berry, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

November 5, 1982 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS -
FISCAL YEAR 1981-82**

Account Description	Account Number	Transferred from Account Number	Amount
To: Loan Funds			
International Students	177	015800	\$ 16,000.00
College of Medicine Emergency	187	032927	10,000.00
Mansfield Emergency	078990	031169	2,000.00
Total Transfers to Loan Funds			\$ 28,000.00
To: Endowment Principal Funds			
Quasi Endowments	070004	020000	\$ 7,433,629.38
Optometry Progress Fund	075508	011035	250,000.00
Total Transfers to Endowment Principal Funds			\$ 7,683,629.38
To: Unexpended Plant Funds			
Undergraduate Library	082001	010058	\$ (1,158.08)
Land Purchases	082027	010058	3,600,000.00
		025415	12,500.00
Traffic Signals	082030	016007	(173.58)
Cancer Center	082039	063976	4,065.44
Agronomy, Natural Resources, and Plant Pathology Building	082043	010058	81,129.00
Bulk Chemical Warehouse	082046	010058	257,600.00
Total Transfers to Unexpended Plant Funds			\$ 3,953,962.78
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Parking Lot Repairs	085071	016007	\$ 525,000.00
Computer Design Lab	085072	024313	11,772.32
		033752	2,914.87
		036295	18,070.68
Smoke Detectors - Dorms	085080	016024	1,362.29
		017200	5,723.38
Sawtooth Replacement - Phase I	085090	010058	21,632.82
St. John Arena - Lockers	085106	016019	24,096.02
Orton Hall - Windows	085117	010058	3,500.00
Ohio Stadium - Research Space	085126	010058	(19,267.00)
Conservation Projects - D.O.E.	085129	010058	9,460.83
Woodruff Avenue - Widening	085132	010058	(165.19)
Botany and Zoology Building	085138	010058	(1,294.00)

November 5, 1982 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS -
FISCAL YEAR 1981-82 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Remodeling and Renovation:			
Ramseyer Hall	085141	057148	\$ (5,359.00)
Hitchcock Hall	085142	010058	(1,916.00)
Medical Administration Center - Lobby	085147	010058	1,995.47
Twelfth and High - Intersection	085148	010058	(783.61)
West Campus - Walks	085150	010058	(8,836.00)
McCracken Power Plant	085153	010058	(46,300.00)
McCracken Power Plant - Controls	085154	010058	4,474.00
Ohio Union - Elevator	085160	010058	73,000.00
		016020	13,000.00
Administration Building - Basement	085161	010058	(3,965.00)
Library - Energy Conservation	085162	010058	(24,770.00)
Hagerty Hall	085165	010058	(3,435.00)
Galvin Hall	085167	010928	18,852.00
Residence Halls - Retrofitting	085169	017301	25,000.00
Koffolt Lab	085173	010058	30,609.00
Robinson Lab	085174	010058	28,620.00
Parking Ramp Repairs	085175	016007	25,000.00
Administration Building - A/C	085179	010058	33,838.00
Rightmire Hall	085180	010058	77,082.00
Fawcett Center - Roof	085182	010058	400,000.00
Mansfield - Telephone System	085183	010942	40,577.02
Agricultural Administration Building - 4-H Hall of Fame	085184	033590	11,650.00
Hagerty Hall	085186	010058	44,549.00
Total Remodeling and Renovation			\$1,335,688.90
Repairs and Replacements:			
Registration Services	086904	010058	\$ (16,064.65)
Business and Administration	086905	010058	15,117.00
University Systems	086906	010058	15,000.00
Treasurer	086908	010058	12,174.00
Physical Facilities	086909	010058	124,598.79
Police	086910	010058	28,600.00
Traffic and Parking	086911	010058	(276,600.00)
		016007	257,000.00
Food Facility	086912	014006	19,268.00
Office Equipment Repair	086915	014003	41,678.00
Printing Facility	086916	014002	90,000.00

November 5, 1982 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS -
FISCAL YEAR 1981-82 (contd)**

Account Description	Account Number	Transferred from Account Number	Amount
To: Renewals and Replacements Funds			
Repairs and Replacements:			
Physical Facilities - Improvements	086920	014110	\$ 30,873.13
University Airport	086921	010058	(14,000.00)
		011541	58,170.48
		016014	151,542.17
Meats Laboratory	086922	011072	19,000.00
Fire Safety	086923	010058	(10,000.00)
University Properties	086926	016300	3,222.00
North Campus Apartments	086928	016390	871.00
Property Management	086929	016015	1,413.00
University Properties - Improvements	086930	016300	3,387.00
North Campus Apartments - Improvements	086932	016390	2,171.00
Telecommunications	086938	010058	52,330.78
Rathskeller	086939	016012	(4,909.28)
Food Facility - Improvements	086940	014006	8,500.00
Internal Auditing	086944	010058	5,400.00
Learning Resources	086945	010058	(1,825.29)
Libraries	086948	010058	25,000.00
Fawcett Center	086952	010058	85,000.00
Accounting	086953	010058	1,477.00
Accounts Payable	086954	010058	2,470.00
Inventory	086955	010058	1,200.00
Laundry - Improvements	086956	014004	23,931.00
Printing Facility - Improvements	086957	014002	51,700.00
Alumni Information Service	086958	010058	7,392.00
Educational Services	086959	010058	100,000.00
Dentistry	086961	010000	(110,232.90)
Ohio Union - Improvements	086963	016020	90,000.00
Transportation	086964	014100	175,700.00
NCRVE	086967	011077	15,611.23
Equipment Reserve	086994	010058	7,160,000.00
University Hospitals - Capital Equipment	086995	010058	(30,000.00)
		019000	9,294,139.76
Plant Funds - General	086999	010058	2,500,000.00
Total Repairs and Replacements			\$20,010,305.22
Total Transfers to Renewals and Replacements Funds			\$21,345,994.12
Total Transfers to Plant Funds			\$25,299,956.90

November 5, 1982 meeting, Board of Trustees

**NON-MANDATORY TRANSFERS FROM CURRENT FUNDS -
FISCAL YEAR 1981-82 (contd)**

RECAP

	Account Range	Amount
Current General	0100xx	\$14,232,636.97
Current General - Regional Campuses	0109xx	59,429.02
Current General - Department Earnings	011xxx	92,781.71
Current General - Service Accounts	014xxx	441,650.13
Auxiliary Enterprises	016xxx	1,092,981.62
Residence and Dining Halls	017xxx	30,723.38
Hospitals	019xxx	9,294,139.76
Current Restricted - Endowment	02xxxx	24,272.32
Current Restricted - Development Fund	03xxxx	32,635.55
Current Restricted - Other	05xxxx	(5,359.00)
Current Restricted - OSURF	06xxxx	4,065.44
 Total Non-Mandatory Transfer to Plant Funds		 \$25,299,956.90

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-60

RESOLVED, That the report on the University's Investment Portfolio, dated October 15, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, December 9, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

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APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 10, 1982

Commencement Speaker

Albert Shapero

Today's speaker is held in high regard by both students and faculty on this campus. Albert Shapero, professor of management science and the holder of the William H. Davis Chair in the American Free Enterprise System, is indeed a distinguished faculty member of this University.

His achievements and honors have brought him national and international recognition and respect and have also brought great credit to The Ohio State University. His accomplishments in the field of management science are extensive and outstanding.

A faculty member since 1978, his areas of interest include entrepreneurship, small business, economic and industrial development, and management of professional activities. He has received numerous honors and awards for his work.

His varied background includes experience as a structural steel worker, soldier, farmer on a U.S. kibbutz, research engineer, president and founder of a research organization, and an engineer and manager in the missile industry. Prior to coming to Ohio State, he was a professor of management at the University of Texas at Austin.

He received his bachelor of science degree in mechanical engineering and his master of science degree in industrial engineering from the University of California at Berkeley. A member of several national and international associations, he is the author of numerous publications and has served as consultant to a number of government agencies and industrial concerns.

Distinguished Service Awards

Donald P. Cottrell

Under Donald P. Cottrell's wise and prudent leadership, the College of Education became one of a handful of leadership colleges in the field of teacher education. A magnetic leader and a discerning analyst of people, he welcomed initiative on the part of his staff and provided an environment in which they could grow to full stature as educational leaders. He shared his wisdom and his understanding with educators in many countries. Through his international leadership, his scholarship, and his service to professional associations, his influence has been felt far beyond the confines of the campus. He has exemplified a commitment to the field of education that has been earnest, abiding, and truly professional. He has been generous with his time and his wisdom. His efforts on behalf of education have won for him the admiration of his colleagues from Ohio State and throughout the world.

Sydney Nettleton Fisher

For 35 years, Sydney Nettleton Fisher served this University with distinction as a professor of history. He achieved a national and international reputation while exemplifying the best of the teacher-campus statesman. He was instrumental in promoting the international dimensions of Ohio State's programs and was deeply involved in what was to become one of the top Slavic studies programs in the country. Thoroughly trained in the professional languages of French and German, he then studied Arabic and Turkish to become conversant with the best of European scholarship. His qualifications as a publishing scholar are beyond question. His classic text on the Middle East was recently published in its third edition. The high regard in which he is held by his students is a further indication of his accomplishments as a distinguished scholar and teacher.

William E. MacDonald

A loyal and supportive alumnus, William E. MacDonald has invested substantial amounts of time and service on behalf of this University. Through his leadership the College of Administrative Science has developed strong and growing ties with the business community. He was instrumental in creating several organizations—among them Pace Setters and Partners—that have provided substantial support to the college. He served with distinction as chairman of the board of The Ohio State University Development Fund. His significant success as a business leader has brought him through the management ranks of the Bell System to his current position as president and chief executive officer of the Ohio Bell Telephone Company. These leadership efforts combined with his selfless and persistent dedication to the interests of the University have resulted in contributions of an outstanding and lasting character.

Everett C. Shimp

A kind and tireless exemplar, Professor Emeritus Everett C. Shimp enhanced the School of Social Work's stature as a leader in graduate education in community organization. His national reputation attracted students who today are national leaders in that field and in United Way efforts. His leadership as a professor of social work and later as director of the school was dramatic and responsive. More than any other person, he laid the groundwork for raising the academic status of social work to that of a college. A skillful communicator and patient, perceptive listener, he has enriched the community by his leadership and dedication. Many have been richly and better served because of his selfless pursuits, his dedication to Ohio State and to the profession of social work, and his ability to care about people and what happens to them.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Mohamed E. M. Abdallah, Khartoum, Sudan; B.Sc.Eng. (University of Khartoum); M.S. (University of Missouri—Rolla); *Civil Engineering*; *Dr. Kamran Majidzadeh*

Kenneth Ronald Alexander, Melbourne, Victoria, Australia; B.Ec., B.Ed. (Monash University); M.A.; *Health, Physical Education and Recreation*; *Dr. Daryl Siedentop*

Stephen Allen Altobelli, San Antonio, Tex.; B.A. (Rice University); M.S.; *Aeronautical and Astronautical Engineering*; *Dr. Robert M. Nerven*

Dennis Keith Anderson, Johnson City, Tenn.; B.S. (East Tennessee State University); *Chemistry*; *Dr. John S. Swenton*

Karen Surber Anderson, Saltville, Va.; B.S. (East Tennessee State University); *Pharmacy*; *Dr. Duane D. Miller*

Nancy Roux-Teepen Baker, Columbus; B.S. (Ohio University); M.A.; M.A. (University of Cincinnati); *Anthropology*; *Dr. Erika Bourguignon*

Kenneth Dale Beaman, Westerville; B.S. (Colorado State University); M.S. (Cleveland State University); *Medical Microbiology*; *Dr. J. Dennis Pollack*

Yehuda Bock, New York, N. Y.; B.Sc. (Technion-Israel Institute of Technology); M.S.; *Geodetic Science*; *Dr. Ivan I. Mueller*

Rogely Waite Boyce, Columbus; B.A. (Oberlin College); *Veterinary Pathobiology*; *Dr. Steven E. Weisbrode*

Christopher Eric Breuleux, Wilmington; B.S.Ed., M.A. (Miami University); *Health, Physical Education and Recreation*; *Dr. Donald K. Matthews*

Franklin Bernard Brown, Zanesville; B.S. (Muskingum College); *Chemistry*; *Dr. Isaiah Shavitt*

Charlotte Ellison Brummett, Geneseo, N. Y.; A.B. (Miami University); M.A.T. (Indiana University); *Education*; *Dr. Gilbert A. Jarvis*

Philip Buriak, Johnstown, Pa.; B.S., M.S. (The Pennsylvania State University); *Agricultural Education*; *Dr. Larry E. Miller*

Penelope Sue Campbell, Columbus; B.S. (University of Arkansas); M.A.; *Accounting*; *Dr. Thomas J. Burns*

Wayne Earl Carlson, Burley, Idaho; B.S., M.S. (Idaho State University); M.S.; *Computer and Information Science*; *Dr. Franklin C. Crow*

Michael C. Carr, Cincinnati; B.S. (John Carroll University); *Biochemistry*; *Dr. David H. Ives*

Maureen Lynch Caste, Birmingham, Ala.; B.S. (University of Alabama in Birmingham); M.S.; *Chemistry*; *Dr. Daryle H. Busch*

James Norman Chmura, Columbus; B.A. (Thiel College); M.S.; *Food Science and Nutrition*; *Dr. Michael E. Mangino*

Hee Kyoung Cho, Seoul, Korea; B.S., M.S. (Seoul National University); *Pharmacy*; *Dr. Carter L. Olson*

Susan Stickel Coady, Dayton; B.S. (Wittenberg University); M.S.; *Home Economics*; *Dr. Barbara M. Neuman*

Harold David Cole, Tulsa, Okla.; B.A., M.A. (University of Tulsa); M.A.; *History of Art*; *Dr. Franklin M. Ludden*

James D. Cowan, Willshire; B.A. (Ohio Wesleyan University); M.A.; *Education*; *Dr. James J. Buffer*

Sterling M. Cox, Brooklyn, N. Y.; B.A. (Oakwood College); M.Ed. (Alabama Agricultural and Mechanical University); *Education*; *Dr. William D. Dowling*

Lynn Ann Darby, Cambridge; B.S., M.A.; *Physical Education*; *Dr. Robert L. Bartels*

Amal K. David, Detroit, Mich.; B.A. (Lubbock Christian College); M.A. (Michigan State University); *Communication*; *Dr. James L. Golden*

William Lewis Davis, Kingsport, Tenn.; B.A. (Carson-Newman); M.A. (Wake Forest); *Communication*; *Dr. Keith Brooks*

Randall Lee Detra, Mertztown, Pa.; B.S. (Indiana University of Pennsylvania); M.S. (Ohio University); *Entomology*; *Dr. William J. Collins*

Judith Ann DiIorio, Fort Wayne, Ind.; B.A. (University of Delaware); M.A.; *Sociology*; *Dr. Laurel W. Richardson*

Jay D. Dobbin, Laurel, Mont.; A.B. (Saint Edward's); S.Th.L., S.Th.D. (Saint Anselmo, Rome University of Saint Thomas); *Anthropology*; *Dr. John C. Messenger*

Patricia Alloy Doerman, Cincinnati; B.S., M.E. (University of Cincinnati); *Education*; *Dr. Dewey A. Adams*

Jarlen Don, Taipei, R.O.C.; B.S. (National Tsing-Hua University); *Metallurgical Engineering*; *Dr. David A. Rigney*

Leslie Peralta Duffey, Worthington; B.S.Ed. (Miami University); M.Ed. (Xavier University); M.A.; *Education*; *Dr. Roy A. Larmee*

Saad Sayed Ahmed El-Azazy, Mansoura, Egypt; B.Sc. (Cairo University); M.S.; *Civil Engineering*; *Dr. Alfred G. Bishara*

Narymane Abdulhamed ElNashar, Cairo, Egypt; B.A. (Ain Shams University); M.A.; *Education*; *Dr. Robert E. Jewett*

Donna Gutentag Estreicher, Beachwood; B.A., M.A.; *Psychology*; *Dr. Henry Leland*

William Steven Fillers, Columbus; B.S.; *Food Science and Nutrition*; *Dr. John B. Altred*

Mary Katherine Foecking, Chardon; B.S. (University of Dayton); M.S.; *Physiological Chemistry*; *Dr. Thomas E. Webb*

Lillian Clemons Franklin, Columbus; B.A. (College of Wooster); A.M. (University of Illinois); *Romance Languages and Literatures*; *Dr. Grinor Rojo*

Gloria S. Friend, Baltimore, Md.; B.S. (Coppin State College); M.Ed. (Loyola College); *Education*; *Dr. Thomas M. Stephens*

Virginia H. Fry, Manhattan, Kans.; B.A. (Webster College); M.A. (Bowling Green State University); *Communication*; *Dr. William R. Brown*

Leah M. Fygetakis, Cuyahoga Falls; B.S.; M.A.; *Psychology*; *Dr. Richard K. Russell*

Charles F. Gibson, Wooster; B.A. (College of Wooster); M.A. (Wake Forest University); *Psychology*; *Dr. Felicitas C. Serafica*

Francine Giles, Stanton, Tenn.; B.S. (University of Tennessee at Martin); M.S. (Memphis State University); *Education*; *Dr. Robert J. Silverman*

Nelice Marie Gillespie-Woltemade, Delaware; B.A. (University of Missouri at Kansas City); M.A. (University of Texas); *Sociology*; *Dr. Laurel E. Richardson*

- Albert M. Goff, New Middletown; B.S. (Malone College); M.S. (Purdue University); *Entomology*; Dr. Lowell R. Nault
- Helen Kay Grant, Columbus; B.S., M.S.; Education; Dr. Jack R. Frymier
- Linda L. Foster Green, St. Paul, Minn.; B.A., M.A.; *Sociology*; Dr. Alfred C. Clarke
- Ethel Patricia Harris, Wellsburg, W. Va.; B.A. (West Liberty State College); M.A.; *Communication*; Dr. John J. Makay
- Helen Jean Hatley, Augusta, Ga.; B.A. (Berea College); M.A.; *Education*; Dr. Frank J. Zidonis
- Robin Rei Hikida, Davis, Calif.; A.B. (Princeton University); M.A.; *Psychology*; Dr. Pamela S. Highlen
- John Stanley Hill, London, Ontario, Canada; D.Pe. (Jordan Hill College); M.A. (University of Western Ontario); *Health, Physical Education, and Recreation*
- Diane Marie Hoffman, Akron; B.S. (University of Akron); *Physics*; Dr. James C. Garland
- James Carroll Hogg, Worthington; B.S.Ed., M.F.A.; *Art Education*; Dr. Robert L. Arnold
- Howard Eugene Huston, Arcanum; B.A. (Otterbein College); M.A.; *Education*; Dr. Roy A. Larmee
- Timothy John Ilg, Akron; B.A. (Malone College); M.A.; *Education*; Dr. Elsie J. Alberty
- Daral John Jackwood, Coatesville, Pa.; B.S. (University of Delaware); M.S.; *Poultry Science*; Dr. Yehia M. Saif
- Robert Keith Jansen, Oshkosh, Wis.; B.S. (University of Wisconsin-Oshkosh); *Botany*; Dr. Tod F. Stuessy
- Patrick Kagan-Moore, Columbus; B.S. (Oregon State University); M.A. (Western Washington University); *Theatre*; Dr. George P. Crepeau
- Elizabeth Ford Kennedy, Columbus; B.A. (Purdue University); M.A.; *Education*; Dr. Thomas M. Stephens
- Leslie Helen Kern, Yellow Springs; B.A. (University of Cincinnati); M.A.; *Psychology*; Dr. Herbert L. Mirels
- Lee Edwin Kirsch, Columbus; B.S. (Purdue University); *Pharmacy*; Dr. Robert E. Notari
- Lenny Albert Krieg, Cincinnati; B.S. (Purdue University); M.S.; *Geodetic Science*; Dr. Urho A. Uotila
- David Richard Larson, Columbus; B.A. (Hanover College); M.A. (Case Western Reserve University); *History*; Dr. Austin K. Kerr
- Chih-kuo William Lee, Taipei, R.O.C.; B.S. (National Taiwan University); M.S. (The University of Akron); *Chemical Engineering*; Dr. Robert S. Brodkey
- Chen-Hsin Lien, Hsinchu, R.O.C.; B.S. (Tsinghua University); *Physics*; Dr. James R. Gaines
- Francis Joseph Liuzzi, Columbus; B.S. (Union College); M.S. (Rennselaer Polytechnic Institute); *Anatomy*; Dr. James S. King
- Linda Louise Locher, Orelana, Pa.; B.A. (Dickinson College); M.A., M.A.; *Psychology*; Dr. Richard K. Russell
- Willie Hsiao-tsu Loh, New York, N. Y.; B.A. (Columbia University); M.S. (Rutgers University); *Microbiology*; Dr. Robert H. Miller
- Donna Reese Long, Mesilla Park, N. Mex.; B.S., M.S. (Indiana University); *Education*; Dr. Gilbert A. Jarvis
- Gary Andrew Luzio, Newark; B.S.; *Chemistry*; Dr. Robert M. Mayer
- Marilyn Turner Lyga, Blacksburg; B.S. (Virginia Polytechnic Institute and State University); M.A.; *Psychology*; Dr. Neal F. Johnson
- William J. Lydon, Columbus; B.A. (Bowling Green State University); *Political Science*; Dr. Randall B. Ripley
- Joseph John Lynch, Baltimore, Md.; B.S. (Loyola College); *Pharmacy*; Dr. Ralf G. Rahwan
- Kurt Max Malkoff, Youngstown; B.A., M.A.; *Psychology*; Dr. Henry Leland
- Larry Lee McDaniel, Wooster; B.S. (Alderson-Broaddus College); M.S. (West Virginia University); *Plant Pathology*; Dr. Donald T. Gordon
- Michael Millard Milks, Amherst; B.S. (Ohio Northern University); *Pharmacology*; Dr. Daniel Coutri
- Oak Key Min, Seoul, Korea; B.E., M.E. (Yonsei University); *Engineering Mechanics*; Dr. Sunder H. Advani
- Mark Lawrence Mitchell, Blacksburg, Va.; A.B. (Washington and Lee University); M.A.; *Psychology*; Dr. Thomas M. Ostrom
- Terry Wayne Mitchell, Phoenix, Ariz.; B.S. (Arizona State University); M.A.; *Psychology*; Dr. Richard J. Klimoski
- Eric Bronson Nelson, Troy; B.A. (Indiana University); M.S.; *Plant Pathology*; Dr. Harry A. Hoitink
- Ralph Thomas Nicolosi, Columbus; B.A., M.S.; *Horticulture*; Dr. Jean R. Geisman
- Roosevelt Nixon, Upper Montclair, N. J.; B.A. (Morris College); M.A. (Seton Hall University); *Education*; Dr. Joseph J. Quaranta
- Nnadozie Nkemdirim Nkpa, Umuahia, Imo, Nigeria; B.S., M.Food Tech. (Higher Institute of Food and Flavor Technology); M.S.; *Chemistry*; Dr. Gideon A. Fraenkel
- Eleanor Pauline Nystrom, Columbus; B.S. (Northern Illinois University); B.S. (University of Puget Sound); M.S. (Boston University); *Education*; Dr. James K. Duncan
- Uche S. Okefor, Owerri, Imo, Nigeria; B.S.B.A. (Aquinas College); M.A. (Western Michigan University); M.Acc.; *Business Administration*; Dr. Bernard J. LaLonde
- Donald Joseph Omahan, Lorain; A.B. (Kenyon College); M.A. (Fairfield University); *Education*; Dr. Robert J. Silverman
- Hun Young Park, Korea; B.B.A. (Seoul National University); M.B.A.; *Business Administration*; Dr. Andrew H. Chen
- Bruno Peter-John Parolin, Pakenham, Upper Victoria, Australia; B.A. Hons. (Monash University); M.S. (Oklahoma State University); *Geography*; Dr. Howard L. Gauthier
- Juan Jose Patee, Columbus; B.A. (La Universidad de La Habana); M.Ed. (Boston University); *Education*; Dr. Gilbert A. Jarvis
- Doyt Lee Perry, Bowling Green; B.S. (Bowling Green State University); M.S.; *Computer and Information Science*; Dr. H. W. Buttelmann
- Srichan Phornchirasilp, Bangkok, Thailand; B.Sc., M.S. (Mahidol University); *Pharmacy*; Dr. Dennis R. Feller
- Carol Jean Pierson, Chaska, Minn.; B.S. (University of Minnesota); M.S. (University of Kentucky); *Animal Science*; Dr. Herbert W. Ockerman
- Mohammad Dawod Rajab, Kuwait, Kuwait; B.Sc., B.Sc. (The University of Michigan); M.S.; *Mechanical Engineering*; Dr. Donald R. Houser
- Guy Michel Raynaud, Paris, France; *Engineering (University of Grenoble)*; *Metallurgical Engineering*; Dr. Robert A. Rapp
- John Eric Reardon, Boring, Ore.; B.A. (Willamette University); *Chemistry*; Dr. Perry A. Frey
- Frederick Richard Rohs, Columbus; B.S., M.S. (Kansas State University); *Agricultural Education*; Dr. J. Robert Warmbrod
- Norman Robert Rose, Columbus; B.A. (Marietta College); M.A. (Kent State University); *Sociology*; Dr. Alfred C. Clarke
- Daryl Marcus Rowe, Cincinnati; B.A. (Hampton Institute); M.A.; *Psychology*; Dr. Richard K. Russell
- Kenneth Frederick Runciman, Frankston, Victoria, Australia; B.A., B.Ed. (University of Melbourne); M.Ed. (Monash University); *Education*; Dr. Thomas M. Stephens

Deborah Beth Schaffer, Fredonia, N. Y.; B.A. (University of Rochester); M.A.; *Linguistics*; Dr. Ilse Lehiste

Rita M. Schneider-Sliwa, Oberhausen, West Germany; B.A., Cand.Phil. (Rheinisch-Westfälische Technische Hochschule Aachen); M.A.; *Geography*; Dr. Lawrence A. Brown

George Stephen Semsel, Stamford, Conn.; B.A. (Wagner College); M.A. (University of Iowa); M.A. (New York University); *Education*; Dr. Robert W. Wagner

Diane Marie Sharkey, Princeton, N. J.; B.S. (Moravian College); M.S.; *Animal Science*; Dr. Walter R. Harvey

Ching-Hsien Shih, Taipei, R.O.C.; B.S., M.S. (Fu Jen University); *Mathematics*; Dr. G. Neil Robertson

Arthur Daniel Smith, Jr., Grambling, La.; B.S. (Grambling State University); M.Ed. (University of Southwestern Louisiana); *Education*; Dr. Lonnie H. Wagstaff

Robert T. Soppelsa, Cleveland; B.A., M.A.; M.A. (New York University); *History of Art*; Dr. Mathew Herban

Alina A. Souza, Rio de Janeiro, Brazil; B.S. (Universidade Federal da Bahia); B.S. (Universidade de Brasília); M.P.H. (Tulane University); *Education*; Dr. Gregory Trzebiatowski

Gregory Lynn Stephens, Enon, O.D., M.S.; *Physiological Optics*; Dr. Ronald Jones

Daniel C. Stevens, Dayton; B.A. (Cedarville College); Th.M. (Dallas Theological Seminary); *Education*; Dr. William D. Dowling

Catharine Michaux Stout, Marion; B.S.Soc.Wel., M.S.W.; *Social Work*; Dr. Samuel L. Dixon

Rosemarie C. Teran, Quito, Ecuador; B.A. (Pontificia Universidad Catolica del Ecuador); M.A. (Mount Holyoke College); *Education*; Dr. Joseph W. Licata

Michael David Trudeau, Columbus; B.A., M.A.; *Communication*; Dr. Edward J. Hardick

Richard Paul Urbanek, Pinckneyville, Ill.; B.S., M.A. (Southern Illinois University); *Zoology*; Dr. Theodore A. Bookhout

Tara T. Van Toai, Dublin; B.S. (National Institute of Agriculture); M.S. (Cornell University); *Agronomy*; Dr. John L. Parsons

Marsha Livingston Vas, Santa Rosa, Calif.; B.S.Ed.; M.Ed., M.Ed. (Wright State University); *Education*; Dr. Joseph J. Quaranta

Jose Simon Villa, Newark; B.S., M.S. (University of Oregon); *Education*; Dr. Luvern L. Cunningham

Edward Dennis Waller, Kettering; B.A. (Seton Hall University); M.A. (University of Dayton); *Psychology*; Dr. Henry R. Angelino

An-Jenq Wang, Taipei, R.O.C.; B.S. (Taiwan National Marine College); M.S. (University of Nebraska); *Engineering Mechanics*; Dr. June K. Lee

Ying Thomason Wang, Taipei, R.O.C.; B.S. (National Taiwan Normal University); M.S.T. (University of Wisconsin—Superior); *Zoology*; Dr. Theodore A. Bookhout

Joseph Wyrick Warren, Greensboro, N. C.; B.A. (Oakwood College); *English*; Dr. Thomas M. Woodson

Nodie Monroe Washington, Wilberforce; B.S. (Southern University); M.S. (Rutgers University); *Chemistry*; Dr. Roger E. Gerkin

Ellen Martha Weinhouse, Columbus; B.A., M.A. (Cleveland State University); *Psychology*; Dr. Henry R. Angelino

Patricia Simmons Wilson, Columbus; B.S. (Ohio University); M.A.; *Education*; Dr. Richard J. Skumway

Terry Lee Wilson, Columbus; B.A. (Olivet Nazarene College); M.A.; *Education*; Dr. Anthony C. Riccio

Mary Lee Cathey Wright, Glendale, Wis.; B.S. (University of Northern Alabama); M.A.; Ed.S. (George Peabody College); *Health, Physical Education, and Recreation*; Dr. Jacqueline Herkowitz

Tu-Hsin Yan, Taipei, R.O.C.; B.A. (National Chung Hsing University); M.S. (National Taiwan University); *Chemistry*; Dr. Leo A. Paquette

William Lewis Young, Bethany, W. Va.; A.B. (Bethany College); M.A.; *History*; Dr. Robert H. Bremner

Iman Abdalla Yousry, Buffalo, N. Y.; B.S., M.S., M.S.; *Statistics*; Dr. Ramesh C. Srivastava

ViLora Lyn Zalusky, Cherry Hill, N. J.; B.A. (Randolph Macon Woman's College); M.A.; *Education*; Dr. Victor M. Rentel

Master of Accounting

Alfred Angus Nickerson, Granville; B.S.; *Accounting*

Gary L. Pence, Springfield; B.S. (Wright State University); *Accounting*

Master of Architecture

Randall Allen Fischer, Bucyrus; B.S.Arch.; *Architecture*

Jerome Ezeanonye Nwokeji, Akuma (Orlu), Imo, Nigeria; B.S. (The University of Oklahoma); *Architecture*

Master of Arts

M. Atiim Abayomi, Ghana, West Africa; B.S. (Central State University); *Psychology*

Alfred Randy Allen, Columbus; B.S.Ed.; *Education*

Cheryn Elizabeth Alten, Columbus; B.M.E. (Otterbein College); *Music*

Richard McBride Ashbrook, Elkridge, Md.; B.S. (University of Maryland); *Psychology*

Phyllis Leslie Ayer, San Diego, Calif.; A.B. (Stanford University); B.S. (University of Washington); *Physical Education*

Vicki Lynn Ayotte, Columbus; B.S.Ed.; *Education*

Valerie S. Bacharach, Pittsburgh, Pa.; B.S.Ed. (Ohio University); *Education*

Mahzarin R. Banaji, Secunderabad, Andhra Pradesh, India; B.A. (Nizam College, Osmania University); *Psychology*

Annette Bassett, Columbus; B.S.Bus.Adm.; *Physical Education*

Janis Marie Bauer, Columbus; B.A. (Miami University); *Education*

Earl Robert Beam III, Muskegon, Mich.; B.A. (Hope College); *Physical Education*

James F. Bebee, Augusta, Maine; B.A., B.S. (Otterbein College); *Education*

Deborah Jeanne Behr, Fairborn; B.E. (Ohio University); *Education*

William Scott Behrens, Columbus; B.A.; *Slavic and East European Languages and Literatures*

Linda Lou Blunk, Ashland; B.S. (Grace College); *Education*

Timothy Patrick Boeh, Ashland; B.A.; *Slavic Languages and Literatures*

Ann R. Bremner, Worthington; B.A.; *History of Art*

Mary Beth Brennan, Columbus; B.A.; *Communication*

Glenn Jefferson Browne, Bowling Green; A.B. (University of Michigan); J.D.; *Journalism*

Deirdre Dews Burris, Westerville; B.A. (University of Delaware); *Art Education*

Yvonne Heather Burry, Upper Arlington; B.A. (University of Colorado); *Journalism*

- Diana Lynn Chamrad, Yoakum, Tex.; B.A. (University of Texas); *Psychology*
- Li-Chong Chang, Taipei, R.O.C.; *East Asian Languages and Literatures*
- Laura Daane Chrouh, Cincinnati; B.A. (Oral Roberts University); *Education*
- Hui-Sheng Lee Chung, Taiwan, R.O.C.; B.A. (Taiwan University); *History*
- Lorraine Spotts Clark, Columbus; B.A. (Lake Erie College); *Education*
- Montgomery Louis Clegg, Worthington; B.A.Jour.; *Physical Education*
- Velma Grace Cole, Ashville; B.A. (Coe College); M.S.W.; *Public Administration*
- Lori Sue Collner, South Bend, Ind.; B.A. (Indiana University at South Bend); *Psychology*
- Leslie Karen Compson, Worthington; B.A. (University of Cincinnati); M.A.; *Journalism*
- Debra Jean Coss, Graytown; B.Ed. (University of Toledo); *Education*
- Constance Lee Coughenour, Kirkersville; B.S.; *Physical Education*
- Dannie Floyd Damerville, Winter Park, Fla.; B.A. (Florida State University); *English*
- Kathryn Lois Daniels, Lima; B.S.Ed.; *Education*
- Bradley A. Danielson, Columbus; A.B. (Davidson College); *Photography and Cinema*
- Jennifer Lynn Davidson, Worthington; B.S.Ed. (Ohio University); *Education*
- Gary John Dean, Columbus; B.S. (Miami University); *Education*
- Barbara Turner DePalma, Dublin; B.S.Ed.; *Education*
- Brian Richard DePasquale, Canton; B.A.; *Physical Education*
- Charles Gordon Dilbone, Celina; B.A. (Muskingum College); *Education*
- William Henry Dodd, Columbus; B.A. (Hiram College); *Education*
- Pamela S. Ellinger-Dixon, Springfield; B.A. (University of Kentucky); *Education*
- Celeste Sarto Eitzkorn, Columbus; B.S. (Bowling Green State University); *Education*
- Cheryl Anita Evans, Augusta, Ga.; B.A. (Fisk University); *Psychology*
- Ronald C. Fansler, Columbus; B.A. (Urbana College); *History*
- Timothy Alan Farmer, North Muskegon, Mich.; B.S. (Lake Superior State College); *Accounting*
- Nicole Christine Fernandez, Mansfield; B.A. (Washburn University); *Psychology*
- Jamie Sue Fine, Columbus; B.A.; *Education*
- Samuel Wayne Forsythe, Washington C. H.; B.A. (Ohio University); *Education*
- Judith A. Furnas, Worthington; B.A. (Wittenberg University); *Education*
- Edward Leland Gaetz, Columbus; B.A. (Ohio Dominican College); *Political Science*
- Lisa Jo Gainer, Potomac, Md.; B.S. (Towson State University); *Communication*
- Susan Marie Galipo, East Hartford, Conn.; B.S. (University of Connecticut); *Accounting*
- Francis Martin Glynn, Jr., Sycamore, Ill.; B.A. (Northern Illinois University); *English*
- Ralph Elliot Gott, Newton, Mass.; B.S. (University of Massachusetts); *Psychology*
- Olafur Gudmundsson, Isafjordur, Iceland; B.A. (St. Olaf College); *Economics*
- Dale Fredrick Hachten, Marion; B.A.; *English*
- Judith Patrice Hampton, Albany, Ga.; B.S. (Albany State College); *Music*
- Robin Mary Harris, Columbus; B.A.; *Public Administration*
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- Bernadette Janice Holmes, Norfolk, Va.; B.A. (Norfolk State University); *Sociology*
- Willie C. Holmes, Birmingham, Ala.; B.A. (Bethune-Cookman College); *Political Science*
- Steven John Huber, Cincinnati; B.A. (University of Cincinnati); *Psychology*
- Udoh Charles Itama, Columbus; (Higher National Diploma Polytechnic of Wales); Graduate Diploma (Northeast London Polytechnic); *Education*
- Elizabeth Arnel Jones, Columbus; B.S.; *Education*
- Erik Jul, Columbus; B.A. (Hope College); *Classics*
- Deborah Anne Kalman, Columbus; B.S.Soc.Wel.; *Education*
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- Deborah Bradford Linville, Dublin; B.A. (Ohio Wesleyan University); *Education*
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- Cynthia Ann McVicker, Mansfield; B.S.; *Education*
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Linda Sue Fleming, Ada; B.S.; *Business Administration*

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Dennis P. Williamson, Cincinnati; B.S.; *Business Administration*

Master of City and Regional Planning

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Joseph Michael Mazur, Poland; B.A. (Youngstown State University); *City and Regional Planning*

Mal-Soon Min, Pusan, Korea; B.A. (Seoul National University); *City and Regional Planning*

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M. Lonnie Terry, Columbus; B.A.; *City and Regional Planning*

Master of Fine Arts

Robert Warren Martens, West Nyack, N. Y.; B.F.A. (Carnegie-Mellon University); *Art*

Nanette Lucia Yragui, Tempe, Ariz.; B.F.A. (Arizona State University); *Art*

Master of Labor and Human Resources

Graciela Armas-Diaz, Caracas, D.F., Venezuela; Licentiate (Universidad Catolica Andres Bello); *Labor and Human Resources*

Sandra M. Bengert, Hamilton; B.S. (Miami University); *Labor and Human Resources*

Debra Jo Cohen, Cranston, R. I.; B.Sc. (Ohio University); *Labor and Human Resources*

James Wayne Downey, Sunbury; B.A.; *Labor and Human Resources*

Michael Lee Drakulich, Columbus; B.A.; *Labor and Human Resources*

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James F. Saunier, St. Louis, Mo.; B.A. (University of Missouri, St. Louis); M.A.T. (Webster College); *Labor and Human Resources*

Stephen Mark Shaffer, Columbus; B.B.A. (Bowling Green State University); *Labor and Human Resources*

Master of Landscape Architecture

Jeannine Anne Sturgeon, Des Moines, Iowa; B.A. (Oregon State University); *Landscape Architecture*

Master of Science

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William Freyer Abeles, Bethlehem, Pa.; B.S. (Cornell University); *Entomology*

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James Edward Black, Dayton; B.S.C.I.S.; *Computer and Information Science*

- Theresa Lynn Blake, Columbus; B.S. (West Virginia University); *Allied Medical Professions*
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- Jere Neal Brunken, Columbus; B.S., M.S. (University of Oklahoma); Ph.D. (University of Illinois); *Computer and Information Science*
- Barbara Mary Butera, Cleveland; B.S.N. (Kent State University); *Nursing*
- William R. Butler, Brecksville; B.A. (Ohio Wesleyan University); *Biochemistry*
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- Jacquelyn Sue Caplinger, Chillicothe; B.S.; *Horticulture*
- Judith Ann Carr, Pleasantville; B.S.; *Nursing*
- Karen Ann Cashmere, Waverly; B.S.; *Food Science and Nutrition*
- Charles William Challstrom, Washington Grove, Md.; B.A. (California State University, Fresno); *Geodetic Science*
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- Chien-Shim Chang, Taipei, R.O.C.; B.S. (National Chiao-Tung University); M.S. (Stevens Institute of Technology); *Industrial and Systems Engineering*
- Huei-Shu Chang, Kan-Ding, Ping-Tong, R.O.C.; B.S. (National Chung-Hsing University); *Pharmacology*
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- Warren Daneen Davenport, Marysville; B.A. (Anderson College); *Horticulture*
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- Shaun Francis Mason, Ashbourne, County Meath, Ireland; B.A./B.A.I. (University of Dublin); *Civil Engineering*
- Gregory Charles Mayer, Doraville, Ga.; B.A. (College of Wooster); *Geology and Mineralogy*
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- Meena Menon, Pilani, Rajasthan, India; B.Sc., M.Sc. (Birla Institute of Technology and Science); *Physics*
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- Steven Victor Moody, Newark; B.S.; *Geology and Mineralogy*
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- Hee Dong Park, Seoul, Korea; B.S. (Seoul National University); *Ceramic Engineering*
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- Pran Krishna Paul, Dacca, Bangladesh; B.Sc., M.Sc. (University of Dacca); M.S.; (Portland State University); *Nuclear Engineering*
- Carol Faye Peindl, Columbus; B.S.N. (Case Western Reserve University); *Nursing*
- Kenneth M. Petrie, Lansing, Mich.; B.S. (Michigan State University); *Geology and Mineralogy*
- Andreas Michael Pleil, Columbus; B.S. (University of Illinois); *Pharmacy*
- Virginia Jean Powell, Bidwell; B.S.H.E.; *Home Economics*
- Mary Ellen Powers, Columbus; B.S.Ed.; *Home Economics*
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- Dennis Ray Pugh, Manchester, Tenn.; B.S. (Tennessee Technological University); *Electrical Engineering*
- Timothy Craig Quick, Worthington; B.G.S. (Ohio University); *Animal Science*
- Martha Cardwell Rader, Columbus; B.S.; *Allied Medical Professions*
- Saeid Rahimian, Columbus; B.S. (University of Evansville); *Mechanical Engineering*
- Dale Scott Rasche, Columbus; B.S.W.E.; *Welding Engineering*
- Kathleen Foster Ray, Columbus; B.S.Pharm.; *Pharmacy*
- Gregory Reardon, Youngstown; B.S.Pharm.; *Pharmacy*
- Joan Regina Roberts, Worthington; B.S.N.; *Nursing*
- Curt Richard Rom, Fayetteville, Ark.; B.S. (University of Arkansas); *Horticulture*
- William Joseph Rosano, Middletown, Conn.; B.A. (Central Connecticut State College); *Chemistry*

Sue Cecilia Ryno, Bluffton; B.S.N.
(Bluffton College); *Nursing*

Jenny Lyn Rytel, Worthington; B.S.;
Geology and Mineralogy

Linda Kay Schein, Logan; B.A. (Capital
University); *Natural Resources*

Joan Lesley Scherrer, Kettering; B.S.
(Michigan State University); *Nursing*

Mohamed Yehia Selim, Cairo, Egypt; B.S.
(Cairo University); *Civil Engineering*

Thomas Richard Shaffer, Annandale, Va.;
B.S.C.E. (University of Virginia);
Civil Engineering

June Chen Sharps, Columbus; B.S.;
Pharmacy

Kathleen Smith Shivaprasad, Urbana, Ill.;
B.S.; *Home Economics*

Anoop Singhal, Roorkee, U.P., India;
B.Tech. (Indian Institute of Technology);
Computer and Information Science

Richard Glen Snyder, Manchester, Conn.;
B.S. (University of Connecticut);
Horticulture

Ann E. Kelley Sobel, Akron; B.S.
(University of Akron); B.S.; *Computer
and Information Science*

Ted Eugene Stambaugh, Lima; B.A. (Ohio
Northern University); B.S. Food Tech.;
Horticulture

Robin Gerald Stanko, Columbus; B.A.
(Northwestern University); M.D.;
Physical Medicine

Isabelle Timko Stombaugh, Columbus;
B.S.Ed.; *Home Economics*

Paula R. Strawser, Morgantown, W. Va.;
B.S.B.A. (West Virginia University);
Computer and Information Science

James Bentley Stribling, Carthage, Miss.;
B.S. (The University of Mississippi);
Entomology

Larry Francis Sutherland, Columbus;
B.S.C.E.; *Civil Engineering*

Laying Tam, Hong Kong; B.S. (The
University of Hong Kong); *Mathematics*

Prawat Tanboon-ek, Bangkok, Thailand;
B.Sc. (Kasetsart University); *Plant
Pathology*

Tung-Mei Tao, Taipei, R.O.C.; B.S.
(National Cheng-Kung University);
Chemistry

Essie Tarr, Chillicothe; B.S.N. (Duquesne
University); *Nursing*

Rebecca Danise Thames, Akron; B.S.
(Auburn University); *Plant Pathology*

Mary Ellen Thompson, Portsmouth;
B.S.Nurs.; *Nursing*

Dapeng Tien, Harbin, Heilungkiang,
P.R.C.; B.S. (Heilungkiang University);
Mathematics

Robert Eugene Tierney, Poughkeepsie,
N. Y.; B.S. (State University of New York
at New Paltz); *Zoology*

John Robert Tisher, Westerville; B.S.
(Bowling Green State University);
Animal Science

Cynthia Marie Tomcko, Garfield Heights;
B.A. (Case Western Reserve University);
Zoology

Anthony William Toonen, Green Bay, Wis.;
B.S. (Saint Norbert College);
Microbiology

Douglas Keith Trask, Toledo; B.A. (Kenyon
College); *Microbiology*

Mary Terese Tremaine, Akron; B.S.
(University of Akron); *Microbiology*

Susan Langston Turner, Columbus; B.S.
(University of Kansas); *Allied Medical
Professions*

Diane Marie Urig, Avon Lake;
Home Economics

David Lee Van Der Puy, Sheboygan, Wis.;
B.S. (University of Wisconsin); *Agronomy*

Donald Leslie Vargo, Canonsburg, Pa.;
B.A. (California State College); Ph.D.;
Agronomy

John David Varner, Belle Center; B.S.;
*Agricultural Economics and
Rural Sociology*

Robert C. Vavrek, Jr., Maple Heights;
B.S. (Marietta College); *Entomology*

Behzad Vedaie, Babahsar, Iran; B.Sc.
(University of North Carolina at
Charlotte); *Civil Engineering*

Juan A. Veloz, Santo Domingo, Dominican
Republic; Licentiate (Universidad Pedro
Henriquez Ureña); *Agricultural Economics
and Rural Sociology*

Patricia G. Vlasak, Columbus; B.S.
(University of Cincinnati); *Computer and
Information Science*

Jeffrey William Wadelin, Columbus; B.S.
(Ohio Northern University); *Pharmacy*

David Zeller Walker, Falls Church, Va.;
B.S. (Virginia Polytechnic Institute and
State University); *Agricultural
Economics and Rural Sociology*

Laura Marie Walter, Columbus; *Home
Economics*

Leo Gerard Walter, Columbus; B.S.E.E.;
Electrical Engineering

Keith Alan Ware, Sidney; B.S.;
Mathematics

Jonathan Scott Weiss, Austin, Tex.; B.A.
(State University College of New York at
Geneseo); *Geology and Mineralogy*

Richard Donald Wetmore, Delaware; B.S.
(Baldwin-Wallace College); *Physiology*

Chugiat Wichiencharoen, Bangkok,
Thailand; B.Eng. (Chulalongkorn
University); M.Eng. (Asian Institute of
Technology); *Geodetic Science and
Surveying*

Donald Thomas Willke, Columbus;
B.S.M.E.; *Mechanical Engineering*

Rebecca Sue Wilson, Gahanna; B.S.
(University of Kentucky); *Computer and
Information Science*

Montford Wayland Wolf, Cincinnati; B.S.;
Animal Science

Bun Bennet Wong, Hong Kong; B.S.E.E.;
Electrical Engineering

Michael Der Wong, Silver Spring, Md.;
B.S. (University of Maryland); *Industrial
and Systems Engineering*

Chi-Chen Wu, Taipei, R.O.C.; B.S.
(National Chiao-Tung University);
Electrical Engineering

Andrew Howard Wyatt, Markham,
Ontario, Canada; B.A. (Ryerson
Polytechnical Institute); *Geodetic Science*

Sai-Hung Stephen Ying, Hong Kong;
B.Sc. (The Chinese University of Hong
Kong); *Mathematics*

Master of Social Work

John Michael Miga, Columbus; B.A.
(Concordia College); *Social Work*

Lawrence M. Smith, Dunkirk, N. Y.; B.A.
(State University of New York at
Fredonia); *Social Work*

Certificate of Specialist in Translation of Russian in the Social Sciences

Timothy Patrick Boeh, Ashland; B.A.;
Slavic Languages and Literatures

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Tamara Lynn Hughes, Circleville
Linda Natalie Jones, Dayton
David Warren Kase, Roanoke, Va.
Eric Keller, Swanton
Laura E. Lantry, Columbus
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Ronald Louis Miller, Roxbury, N. J.
Craig Evans Munger, Painesville
Joshua Femi Obayemi, Ado Ekiti, Nigeria
Mark Fisher Otstot, Niles
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David P. Kelly, Jackson Center
Nancy Eileen Kirwin, Whitehall
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Sallee Lynn Muccino, Columbus
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Robert Francis Nelson, Camp Hill, Pa.

Michael Patrick O'Brien, Columbus
Kevin Michael O'Connell, Westerville
Sesan Oseni, Ogun State, Nigeria
Douglas Pauley, Carpinteria, Calif.
Denise Irene Perry, Lafayette
Candace Elaine Pierson, Birmingham, Ala.
Suzanne Marie Popa, Columbus
Linda Marie Poutz, Parma
Diane Mary Reef, Newark
Pendery Haines Reese, Columbus
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Carol Diane Rosenthal, Beachwood
Nancy L. Rothe, Cincinnati
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Mary Jean Elizabeth Yocca, Columbus
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Bachelor of Science

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Michael A. Garner, Springfield
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Patricia Marshall Winterstein, Hamilton
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College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

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Gary Wayne Addison, Columbus
Clinton Anthony Allen, Columbus
Sarah Jane Allen, Lima
Gary Anthony Aller, Bellevue
Robert Paul Anderson, Columbus
Thomas Lee Angerer, Barberton
Charles H. Arbuckle, Reynoldsburg
Chaiyut Asawabunchu, Bangkok, Thailand
Kerry Annette Ater, Chillicothe
Laura Lee Baird, Columbus
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James R. Battaglia, Philadelphia, Pa.
Mark Edwin Baughman, Columbus
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Anita Kay Brunner, Hanoverton
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 Terry Patrick Fallon, Columbus
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 Eric M. Feldman, East Brunswick, N. J.
 Matthew William Pennen, Fairfield
 Connie Fenton, Washington C. H.
 Laurence Scott Fischer, Beachwood
 Brien H. Fletcher, Solon
 Frank Andrew Forster, Akron
 Adam Henry Foster, Dix Hills, N. Y.
 Susan J. Fought, Shelby
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 Terry Allan Griffith, Pickerington
 Robert William Grim, McMurray, Pa.
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 Janet Rose Heidkamp, Upper Arlington
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 John Frank Herbert, Jr., Columbus
 Jane Ann Hindenlang, Wapakoneta
 Dale Jay Hodge, Cleveland
 David John Holbrook, Columbus
 Christopher Steven Holgate, Worthington
 Harley Roy Holland, Columbus
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 Douglas Eugene Horton, Worthington
 Lawrence John Horvath, Toledo
 Beate Jane Hooser, Granville
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 Dennis Michael Irwin, Shadyside

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 James Theodore Jackson, Hamilton
 Todd Jeffrey Jacober, Beachwood
 Stephen Joseph Jacobs, Mansfield
 Betsy Barker James, Xenia
 Richard Allen Jantz, Jr., Columbus
 Lisa M. Jayson, New Port Richey, Fla.
 Amy Katherine Jeffries, Chagrin Falls
 Cynthia Gest Johnson, Urbana
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 David M. Kahl, Gahanna
 Rosemarie Kaidor, Bellaire
 John Robin Kantzer, Marion
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 Michael Heyward Keleher, Rumson, N. J.
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 North Miami Beach, Fla.
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 J. Michael Kluska, III, Columbus
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 Donna Maria Kovach, Painesville
 Robin Lynn Kroener, Mainville
 Thomas Reynolds Krouse, Columbus
 Janel Marie Kruse, Ottawa
 Joseph Vincent Kukec, Wickliffe
 Victor Wing-Tai Kwok, Hong Kong
 Douglas P. LaBorde, Harahan, La.
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 Daniel Mark Lavin, Beachwood
 Victor Anthony Layne, Columbus
 Heon Woo Lee, Columbus
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 Jeff Scott LeVora, Wooster
 Matthew Dale Lewis, Orient
 Stephen DeWitt Lilly, Medina
 Tru-Fu Lo, Columbus
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 Todd Alan Long, Marion
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 Craig Steven Lucas, Springfield, Va.
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 Lynne Louise Spiller, Worthington
 Mark Edwin Stall, Galion
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 Virginia Marie Wise, Scio
 Chris J. Woods, Cincinnati
 Mitchell A. Yager, Parma Heights
 Lawrence Charles Yontz, Columbus
 Christopher Robert Young, Columbus
 Jia-Pei Yuan, Bangkok, Thailand
 Jeffrey Dean Yund, Wooster
 Marilyn Zangardi, Cleveland
 Frank James Zidonis, Columbus
 James A. Zitsman, Columbus
 Michael David Zuern, Fostoria

College of Agriculture and Home Economics

Acting Dean: Francille M. Firebaugh

Bachelor of Science in Agriculture

Mark Andrew Abraham, Washington C. H.
 Patrick Alberti, Columbus
 Nicholas Blaise Anthony, Wapakoneta
 Gerald Bruce Arnott, Hillsboro
 Lisa Ann Baltes, Sandusky
 John Eugene Barga, Rossburg
 Matt Lee Beal, Reynoldsburg
 Robert Bernard Bero, Poland
 Joyann Binsley, Hanoverton
 Timothy William Bischoff, Hilliard
 Fredrick Charles Bowling, St. Marys
 Kristen Kellenberger Boyd, Gahanna
 Richard Philip Boyd, Buffalo, Ill.
 Daniel Kent Boysel, Ridgeway
 Brian DeWitt Breece, Delaware
 Mark Steven Brooker, Cincinnati
 Debra Kay Burkard, Marysville
 Christopher Eugene Burkhardt, Pickerington
 Dianne Elizabeth Clauser, Worthington
 Mark Everett Danklefsen, Lakeside
 Jeffrey Richard Davis, Grove City
 Steven Derwin Davis, Stockport
 Colleen Joy Dennis, Delaware
 Monica Maria Desch, Dayton
 James Leigh Dickinson, Martins Ferry
 Barbara Jean Dowaler, Columbus
 Jerry Lee Emerich, Bradford
 Douglas Keith Etter, Covington
 Francis Lee Fluharty, Smithfield
 Nancy J. Gilmore, Marion
 David Paul Gressley, Willowick
 William Charles Gunderson, Columbus
 David Arthur Heitkamp, Kettering
 Jeffrey Patrick Hoying, Anna
 Doris B. Huffman, Powell
 Cathy Ann Jackson, Cincinnati
 Keith Howard Jones, Convoys
 Michael James Keenan, North Canton
 Mark Eugene Kelley, Canton
 Geoffrey Charles Kepner, Hartford

Dudley Raybon Kindrick, Columbus
 Donald Owen Koch, Avon
 Calvin Mark Kohring, Pemberville
 Jeanne Fulton Lang, Powell
 Jennifer Marie Lewis, Brookville
 Kelly Crawford Linhart, Whitehall
 David Joseph Long, Columbus
 Steven Bryan Magley, Worthington
 Lynn Edward Mantey, Marion
 Amy Marie Mengers, Chillicothe
 Linda Jo Messer, Columbus
 E. Darren Metzger, Williamsport
 David James Minton, Columbus
 David Lee Moore, Uniontown
 Jack Christy Moore, Columbus
 Lynne Elaine Moore, Holgate
 Alan Curtiss Motta, Grafton
 Normah Mustaffa, Columbus
 Michelle Ann Myers, Cincinnati
 Steven Michael Neal, Jamestown
 Peggy Lou Nell, Columbus
 Gary Allen Nemeth, Cleveland
 Peter Robin Newman, South Vienna
 Jackson G. M. Njuguna, Nairobi, Kenya
 Gary Lynn Prill, Van Wert
 John Waldo Radabaugh, Edgerton
 Leesa Lyn Rader, Galion
 Jane Ellen Rambo, Delaware
 Joseph Peter Reinheimer, Wooster
 David Frank Ritschel, Parma Heights
 Jeffery William Roeth, Piqua
 William Patrick Rolle, Roseau, Dominica
 Edward Harry Rumburg, Salem
 Mary Hughes Seeman, Cincinnati
 Steven Ray Sims, Lima
 Susan Ann Slusser, Dover
 Joseph Alton Smith, Cincinnati
 Michael Solli, Maple Heights
 Alan Brent Sowards, Orient
 Brian Lee Stevens, Williamsport
 Marcia Kay Stutzman, Berlin
 Janet Taylor Terhune, Newport, N. H.
 Mark Kevin VanHoose, Sunbury
 Darlene Mae Wharham, Geneva
 Linda Ann Wigington, Columbus
 Roxanne Wiseman, Richwood
 Richard Paul Wright, Glenford
 Diane K. Yanice, Sherrodsville
 Paul William Zanowick, Kettering

Bachelor of Science in Food Science

William Edward Chirdon, Dalton
 Kathryn Mary Fiorito, Hudson
 Julie Anne Klein, Eaton
 Hugues Victor Saint-Amand, Wooster
 David John Sembar, Columbus
 Mary Kay Stephenson, Lorain
 Lynda Darlene Woodburn, Marion

Bachelor of Science in Nutrition

Debra Lynn Nelson, Cleveland

School of Home Economics

Bachelor of Science in Home Economics

Lynn Annenberg, Middletown
 Rebecca Bailey, Canton

Barbara Ann Bishop, Columbus
 Cynthia Suzanne Capuano, Columbus
 Barbara Jean Chapman, Troy
 Lynn Christine Chapman, Columbus
 Winston Kwok Kit Cheung, Hong Kong, China
 Rebecca Suzanne Cunningham, Columbus
 Cheryl Lynne Davison, Reynoldsburg
 Debra Joyce Duncan, Columbus
 Roberta Willits Dunn, Columbus
 Laura Lee Felker, Reynoldsburg
 Peggy Ann Felske, Castalia
 Charlene S. Grabner, Columbus
 Leslie Elizabeth Graham, Sheffield Lake
 Judith Mary Gregonis, Belair, Md.
 Kimberly Lisa Hall, Newark
 Sandra J. Hannan, Sandusky
 Mary Elizabeth Hoying, Minster
 Barbara Lynn Jones, Dublin
 Christy Lynn Kime, Columbus
 Kathleen A. Kirwan, Bellevue
 Teena Marie Kite, St. Paris
 Mary Catherine Kreider, Columbus
 Lisa Jayne Kugler, Columbus
 Andrea Rothenbusch Kuhlmann, Okeana
 Jamaliah Lamzah, Selangor, Malaysia
 Betty Elaine Lewis, St. Marys
 Cynthia Marie Mason, Canton
 Christine Louise Mercer, Columbus
 Jan Elaine Montgomery, Washington C. H.
 Linda Gerard Moore, Columbus
 Kathleen Ann Mortimer, Grove City
 Barbara Teatino Nini, Columbus
 Panagiota M. Pandis, Chicago, Ill.
 Lisa Petsanis, Euclid
 Debra Faye Prochazka, Bedford
 Cynthia Helen Pulem, Cincinnati
 Karen Kellenberger Selvey, Gahanna
 Margaret Mary Simpson, Alachua, Fla.
 Regina Marie Tarsitano, Richmond Heights
 Robin L. Tice, Columbus
 Diane Marie Urig, Columbus
 Laura Marie Walter, Columbus
 Debra Lynn Warnke, Port Clinton
 Barbara Ann Watkins, Columbus
 Janet K. Williams, Prospect
 Christine Delia Wolfe, Columbus
 Elaine Marie Zucosky, Boston, Mass.

Bachelor of Science in Food Technology

Pamela Kay Miller, Eaton

Bachelor of Science in Restaurant Management

Frank Michael Gronowski, Chagrin Falls
 Julia Margaret Grotta, Delaware
 Caryn Jean Moos, Westerville

School of Natural Resources

Bachelor of Science in Natural Resources

Robert John Arigi, Westchester, Ill.
 Jeffrey Berling, Grove City
 James Robert Bouldin, Columbus
 Amanda Clay Chambers, Fremont
 Barbara Sue Conley, Ada
 Donna Marie Creager, Cincinnati

David Earl Davis, Barberton
 Roland Alvin Dike, Columbus
 Laura Susan Ditmer, Bay Village
 Darrell Dean Douplik, Jr., Columbus
 Dorothy Marie Durgin, Rochester, N. Y.
 Andrew Robert Glover, Parma
 Linda Marie Helt, Solon
 Kelso Keith Huffman, Jr., Worthington
 BobbiJo Jarvis, Cincinnati
 Mark Alan Lake, Madison
 Timothy John Landusky, Hilliard
 Daniel Charles Leesburg, Wheelersburg
 Joe E. Long, Cincinnati
 James Joseph Maurer, Battle Creek, Mich.
 Paul George Moser, Akron
 Erik Paul Neff, Coshocton
 Kathy Ellen Lutz Newman, Columbus
 Michael Pompoco, Youngstown
 Carleen Mary Rice, Dayton
 Randall Alexander Ross, Columbus
 Andrew Martin Sabula, Chardon
 Carl Denis Schneider, Amherst
 Jeffery James Scott, Massillon
 Charles Arthur Shaw, Milford
 Curtis Eugene Smith, Toronto
 William Stanley Snyder, West Liberty
 Francis Thomas Soya, Jr., Columbus
 Steven Michael Stanberry, Zanesville
 Joel Preston Tilley, Columbus
 Donald DeVictor Veri, Columbus

Agricultural Technical Institute—Wooster

Associate in Applied Science

Laurel Marie Baldwin, Wadsworth
 Duane Allen Brooks, Valley City
 Floyd Burton Catchpole, Springfield, Fla.
 Carolyn Jane Cramer, Navarre
 David Alan Donahue, Wooster
 Beth Lynn Dörner, Akron
 Carol Ann Faus, Olmsted Falls
 James Scott Flukht, Newark
 Joe Paul Frankenberg, New Bremen
 Charles Howard Gault, Albany
 Cynthia Marie Gerych, Middleburg Heights
 David Raymond Heilers, Anna
 Robert Paul Hiner, Navarre
 Dennis Joseph Holman, Fostoria
 Brian Lester Kuns, Castalia
 Brian J. Lehmann, Toledo
 Steven Michael Massarelli, Poland
 Amy Elizabeth Melkerson, Dover, Del.
 Matthew John Monroe, Cleveland Heights
 Frederick Shawn Mosier, Orangeville, Pa.
 Mark Dale Oberly, East Canton
 Martin Franklin Overholt, Clarington
 Warren Charles Roller, Wooster
 Kenneth Allen Ulrich, Fremont

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Barbara Lynne Bruno, Lorain
 Julie Ann Keehn, West Chester
 Angela Benita Morgan, East Cleveland

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Abdulkadir Abubakar, Bauchi, Nigeria
 Salihu S. Abubakar, Bauchi, Nigeria
 Laura Ann Adkins, Reynoldsburg
 Adamu Aji, Bauchi, Nigeria
 Margaret Ann Armstrong, Youngstown
 Susan Ann Arter, Willoughby
 Ahmadu Dargazu Azare, Bauchi, Nigeria
 Donna Marie Barcik, Northfield
 Anna Mae Barhorst, Columbus
 LynnAnn Frazier Bartels, Columbus
 Ann Elizabeth Baylor, Lima
 Peggy Jean Baysore, Troy
 Carmella Bernadine Bejning, Ottawa
 Evan Timothy Bennett, Columbus
 Carmen James Bonanno, Orient
 Mark Allen Boster, Columbus
 Kenneth Dean Bray, Columbus
 Jim R. Broyles, Donnelsville
 Penelope Rodgers Buckner, Darien, Conn.
 Isyaku Yusufu Bununu, Bauchi, Nigeria
 Harriet Sue Burcham, Johnstown
 Sherri L. Byer, Solon
 Vivian Marie Calabretta, Columbus
 Lisa Kay Capatosto, Columbus
 Molly Carver, Sandusky
 Beverly Brayton Casto, Lima
 Amanda Clay Chambers, Fremont
 Cathryn Susan Chellis, Columbus
 Catherine E. Clarke, Columbus
 Karla S. Cline, Mansfield
 Jennifer Long Cook, Columbus
 Christine Louise Crabtree, Columbus
 Virginia Christine Crandall, Bay Village
 Ahmadu S. Y. M. Danhausa, Bauchi, Nigeria
 Dayna Lynn Davis, Columbus
 Kyle Louise Dennison, Columbus
 Ruth Elizabeth Dine, Canton
 Karen DiPanrazio, Columbus
 Kathleen Eichelberger Dishon, Bucyrus
 Laura Susan Ditmer, Bay Village
 Carolyn Johnson Dresser, Columbus
 Patricia Ann Duke, Youngstown
 Jill Kathleen Durosok, Madison
 Jeffrey M. Dyer, Youngstown
 Abubakar Hamza El-Nafaty, Bauchi, Nigeria
 Mark Thomas Endicott, Dayton
 Karen Consuelo Everhart, Elyria
 Jill Ferguson, Columbus
 Janis Elaine Foell, Dayton
 Debra Kay Fries, Columbus
 Paul Douglas Frye, Newcomerstown
 Susan Kay Fuerst, Kalida
 Sharon Walls Garman, Grove City
 Bunni Lee George, Thornville
 Jacquelyn Gail Gerst, Columbus
 Stacy Lyn Goodhart, North Robinson
 Samuel J. Graves, Versailles
 Alan Brett Griffith, Sparta
 Laurene Lisa Grosco, Lakewood
 Susan Lynne Hall, Columbus
 Abubakar Hammayo, Bauchi, Nigeria
 Norene Ann Harrison, Killingsworth, Ct.
 Johanna Rey Hartfield, Granville
 Evelyn Helmintoller, Loveland
 Kathy Ruth Henize, Jamestown
 Kathryn G. Herminghausen, Westerville
 Lynda Ann Holbrook, Cincinnati
 Jay K. Hostettler, Elyria

Edwin Terry Howard, West Chester
 Sandra L. Hunter, New London
 Cynthia Jo Hurley, Ironton
 Laurie Beck Hyatt, Centerville
 Carol Ann Irwin, Columbus
 Dahiru Yawo Jama'are, Bauchi, Nigeria
 Abdu Bawa Joggers, Bauchi, Nigeria
 Joseph Allen Johnson, Plain City
 Julie Ann Jones, Columbus
 Suzanne Marie Kass, Powell
 Lori Rochelle Katz, Steubenville
 Christine Marie Kenyon, Lexington
 Usman Musa Kinafa, Bauchi, Nigeria
 Deborah Lynn Kitchen, Hilliard
 Cynthia Marie Knoch, Dayton
 Kimberlie Ann Kramer, Worthington
 Levonda Jean Kreitzburg, Reynoldsburg
 Susan Michelle Lauderman, Columbus
 Kabir Mohammed Lele, Bauchi, Nigeria
 Ann Marie Lieb, Kinsman
 Brian Keith Lien, Fairfield
 Lisa Ann Lintner, Circleville
 Diana Lynn Greenlee List, Ashville
 Stephanie Sue Longley, Akron
 Guy Douglas Manos, Thornville
 Teresa Ann McCarthy, Ironton
 Susan Rae McClarren, Shelby
 Sonya Maria McKanna, Galion
 Diane Lynn Mericle, Delphos
 Nancy Ann Millar, Cincinnati
 DeAnn Ventrone Mills, Mansfield
 Lisa Marie Montgomery, North Canton
 Cynthia Elizabeth Moore, Tulsa
 Renee Alise Morris, Shaker Heights
 Daniel Danladi Nayako, Bauchi, Nigeria
 Karen Willis Nell, Reynoldsburg
 Teresa Ann Nohle, Reynoldsburg
 Cynthia Ann Ortmann, Columbus
 Linda Ann Pagliaro, Reynoldsburg
 Irene Marie Parkhurst, Columbus
 Lynn Marie Parr, Columbus
 Cynthia Fuller Payler, Cincinnati
 Elizabeth Marguerite Perine, Columbus
 Dean Richard Petruzzi, Willoughby
 Tina Jerome Petry, Cardington
 Karen Marie Planicka, Toledo
 Kristie I. Plank, Ashland
 Joy Ann Purkiser, West Chester
 Lorri Eitzwiler Ramey, Loudonville
 Cynthia Jane Riddle, Fairfield
 Elizabeth Blaine Riley, Newark
 Marlene S. Robbins, Columbus
 Deborah Sue Rollins, Zanesville
 Teri Lynn Rudolph, Columbus
 Ladan M. Sambo, Bauchi, Nigeria
 Lori Ann Sandor, Lancaster
 Cynthia Louise Sayers, Springfield
 Tressa Ann Schake, East Amherst
 Tanya Jean Schalap, Hepburn Kenton
 Philip Henry Schnittger, Brooklyn
 Linda F. Searcy, Reynoldsburg
 Rebecca Ann Shaffer, Elyria
 Phyllis Valerio Shaw, Sandusky
 Pamela Lynn Shesley, Alliance
 Jody Pack Shepherd, Columbus
 Teresa Ludwig Shilling, Columbus
 B.S.
 Leslie Skelly, Lima
 Deirdre Joy Smith, University Heights
 Dena Sue Smith, Lima
 Tonja Lou Smith, Wapakoneta
 Eileen Suzanne Snider, Reynoldsburg
 Stanley John Sobiech, Cleveland
 Wade Hampton Spears, Mt. Vernon
 Kathryn Magella Spires, Lancaster
 Christopher Augustus Stallman, Jr., Columbus
 Roberta Sue Storts, Willard
 Jane Straus, Smithfield
 Wade Hampton Spears, Mt. Vernon

Barbara Crouch Sullivan, Dunnellon, Fla.
 Julie Ann Tefft, Columbus
 Allen Kent Terry, Kenton
 Jody Ann Thompson, Centerville
 Patricia Jo Thompson, Youngstown
 Wendy Lynn Thurman, Marysville
 Carol Miller Tiffany, Wauseon
 Tonya Denise Wagner, Sulphur Springs
 Susan Jean Wehrle, Columbus
 Arlene Mae Weissman, Columbus
 Jane Elizabeth Wiley, Zanesfield
 Donna Marie Williams, Lima
 Gary Leon Williams, Wilmington
 Mary Ann Wood, Springfield
 Jacquelyn Benay Wright, Columbus

Bachelor of Art Education and Bachelor of Music Education degrees are offered jointly by the College of the Arts and the College of Education.

Candidates are listed under College of the Arts.

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Sean Patrick Barrett, Centerville
 Carolyn Ann Regan, Bellevue, Wash.
 Mark Webster Wolboldt, Springfield

Bachelor of Science in Agricultural Engineering

Emrullah Ahmet Erten, Columbus
 Gregory Paul Gordon, Dover
 David Carl Hirth, Dublin
 Karl Edwin Hirtzel, Northwood
 Robert James von Seggern, Delta

Bachelor of Science in Ceramic Engineering

Carl William Berlin, Wadsworth
 Keith L. Fuller, Zanesville

Bachelor of Science in Chemical Engineering

Annette Lynn Hissong, Rock Island, Ill.
 Mohd Salleh Kayat, Kuala Lumpur, Malaysia
 Amir H. Mamaghani, Tehran, Iran
 James Joseph Mazza, Columbus
 Joyce Ann Wagner, Wooster
 Richard Allen Yarborough, Clinton

Bachelor of Science in Civil Engineering

Patrick Anthony Albarano, Steubenville
 Hamid Reza Djahanshahi, Shirazi, Iran
 Ronald Todd Erb, Columbus
 Carol Ann Fantozzi, Columbus
 Daniel Charles Hollander, Delaware
 Gregory Brent Huber, Wapakoneta
 Forrest (Nghia) T. Luu, Columbus
 Kelly Lee Miller, Columbus
 Richard Denman Morris, Columbus
 Larry Gene Parks, Mansfield
 Larry Thomas Parnell, Cambridge
 John David Plaisted, Worthington
 Scott Frederick Randall, Aurora, Ill.
 Loyal Rick Ruegsegger, Waverly
 James Timothy Sayler, Berea
 Siew Chuan Tan, Seremban, Malaysia
 Jeffrey Scott Terry, Powell
 William Lee Turner, Jr., Cleveland
 David M. Ungar, Lakewood
 Gary Dennis Yancer, Elyria

Bachelor of Science in Computer and Information Science

John Robert Balogh, Edgerton
 Randolph Lewis Boring, Columbus
 Michael Edward Capelle, Monroeville
 Scott Edison Davies, Findlay
 James Fredrickson, Moorestown, N. J.
 Stewart Harlan Golden, Columbus
 Bruce Alan Holloway, Jr., Pickerington
 Rakesh Jain, Jamaica Estates, N. Y.
 Randall Eric Johnson, Urbana
 David William Keene, Avon Lake
 Glendon Craig King, Worthington
 Teresa Anne Little, Columbus
 David Jack Park, Columbus
 George Edward Raudabaugh, Columbus
 Cynthia Ann Steele, Gahanna
 Linda Ann Thayer, Lancaster

Electrical Engineering

Issam Hassan Nasser, Beirut, Lebanon

Bachelor of Science in Electrical Engineering

Samuel Alabi
 Hossein K. Asgari, Tehran, Iran
 Tony Anthony Austin, Columbus
 Steven Louis Barnicki, Avon Lake
 Daniel Eric Bishop, Columbus
 Robert Paul Brinkman, Columbus
 Roderick William Caldwell, Columbus
 Antonio Ignatius Chirco, Dayton
 Roger Ansley Clark, Columbus
 Jeffrey Philip Cohen, Miami, Fla.
 Robert Arthur Collins, Indianapolis, Ind.
 Fred Eugene Custer, Wheeling, W. Va.
 Garth S. Finch, Cincinnati
 David Rahm Fitch, Portsmouth
 Roy Allen Flowers, Toledo
 David Charles Gase, Fostoria
 Jacob Sean Glower, Columbus
 James Harry Godfrey, Newark
 Craig Joseph Hannan, Shadyside

Karl Parker Harvey, Rushsylvania
 James Henry Homer, Columbus
 Abdulrahman Khalid Jallad, Toulkarm, West Bank
 Terry Lynn Johnstone, Reynoldsburg
 Jeffrey Joe Karcher, Cairo
 Michael E. Kastner, Jr., Huntington, Conn.
 Erik Andris Lacies, Indianapolis, Ind.
 Yiukow Benjamin Lee, Cleveland
 Perry Andrew Molley, Canal Winchester
 Gerald Roger Morris, Bellflower, Calif.
 Wai Leung Ngai, Hong Kong
 Peter Charles Ouimet, Columbus
 Clint Robert Parry, Youngstown
 Douglas Patrick Pohl, Geneva
 James Michael Prokup, Defiance
 Bruce Paul Renard, Newark
 Frank Robinson, Jr., Cleveland
 Roger Elmer Romie, Troy
 Michael William Rush, Columbus
 Paul Chris Sadlek, Parma
 Steven T. Saunders, Newark
 Douglas Joseph Scofea, Ashland
 Ludwig J. Stevens, Stuttgart, Germany
 Giancarlo Tasso, Sao Paulo, Brazil
 Keith Emerald Thompson, Sidney
 Michael J. Thompson, Cleveland
 Steven Lee Tibrea, East Rochester
 John A. Vietmeier, Lisbon
 Ninh Van Vu, Columbus
 Steven Richard Waggoner, London
 Dennis Eugene Weber, Trenton
 Alan John Will, New Bremen
 Ray Alan Williams, Beavercreek
 David Alan Woodward, Stow
 Jia-Cherng Yuan, Bangkok
 Paul Owen Zimmerman, Delaware

Industrial Engineer

Robert Walter Misihowsky

Bachelor of Science in Industrial and Systems Engineering

Mussaad Hosane Al-Sane, Khittan, Kuwait
 Stefan Thomas Anderson, Bowling Green
 Leonard W. Copus II, Uniopolis
 Annette M. DePauw, North Olmsted
 David Paul Edelbrock, Findlay
 Roger Delano Farrell, Columbus
 Clarke Scott Freed, Toledo
 James Michael Hale, Akron
 Mark Allen Klosterman, Celina
 Sandra Carol McHugh, Vermilion
 Joseph Donald Moskal III, North Tonawanda, N. Y.
 Claudia Lee Novicki, Columbus
 Scott William Ritter, Sandusky
 Mitchell Todd Stone, Newark
 Sandra Rose Tackett, Sunbury
 Yilma Wube, Columbus

Mechanical Engineer

John A. White

Bachelor of Science in Mechanical Engineering

Anuporn Asdornithee, Bangkok, Thailand
James Joseph Baird, Columbus
Jeffrey Allen Banks, Tiffin
Ross Julian Belloni, Brewster
Victor Eugene Carpenter, Kent
Jeffrey David Clark, Harpster
Mortezavi Hashemi Dolatabady, Tehran, Iran
Steven Keith Ennis, Columbus
Kamyar Enshayan-L, Columbus
Robert A. Fresco, Columbus
James Joseph Fuller, Cleveland
Ronald Alan Gatchell, Harpster
Leilani Glower, Columbus
John William Grosh, Worthington
Chester Scott Harris, Tustin, Calif.
Klaus Dieter Hausmann, Rocky River
Craig Alan Johnson, Kettering
Amir Ali Kamounieh, Tehran, Iran
Douglas James Kehres, New Washington
Alan George LaForrest, Findlay
Chad Eugene Law, Crestline
Gregory Owen Leitch, Wooster
William Elias Luce, Sand Springs, Okla.
John Eugene Nemeth, Elyria
Kenneth Andrew Ober, Springfield
Roger Warren Riggs, Wadsworth
Kenneth Alan Rowles, Pleasantville
Daniel Schnurr Sabo, Monroeville
Stephen Wayne Spencer, Stoutsville
Patricia Ann Straley, Cedarville
John Folden Stumpf, Athens
David Wendell Ticknor, Kirtland
Bruce Henry Watkins, Perrysburg
Robert Charles White, Fremont

Bachelor of Science in Metallurgical Engineering

Francis R. Papay, Jr., Amherst
Scott David Whitney, Worthington
Betty Jane Wise, Lakeville

Bachelor of Science in Mining Engineering

Brett Ivan Gross, Columbus
Gregory Stephen Williams, Rocky River

Bachelor of Science in Surveying

Warren Diehl, Ashville

Bachelor of Science in Welding Engineering

Robert Scott Boggs, Columbus
Jerry H. Grajzl, Jr., Chesterland
Timothy Edward Hatten, Columbus

Scott Douglas Knechtl, Broadview Heights
Jerome Clyde Nordby, Dayton
Haskell Simpkins, Cummaquid, Mass.
James Bernard Toenis Koetter, Worthington
Dean Yashan, Amherst

School of Architecture

Bachelor of Science in Architecture

William Hodges Hendrix, Columbus

Bachelor of Science in Landscape Architecture

Jonathan Dudley Wood, Lakewood

College of Law

Dean: James E. Meeks

Juris Doctor

Eliot W. Abarbanel, Chicago, Ill.
B.A., M.A. (University of Chicago)
Pamela An Ames, Columbus
B.S.Nurs., M.S.
Jennifer Ruth Bacon, Upper Sandusky
B.A. (Miami University)
Susan E. Boker, Warren
B.A.
Pamela Sorgatz Bousquet, Fairborn
A.B. (University of Illinois);
M.Ed. (Wright State University)
William Royer Decatur, Oxford
B.A. (Miami University)
Cynthia Lynn Dillon, Cincinnati
B.A. (University of Cincinnati)
Linda Jane Fisher, Columbus
B.A. (Miami University);
M.B.A. (George Washington University)
David Stanley Pennington, Columbus
B.A. (University of Washington)
Margaret Jayne Pitts, Kent
Bachelor of General Studies (Kent State University)
Diane Catherine Reichwein, Columbus
B.A.S.W. (University of Pittsburgh)
Mark Samuel Toledo, Boise, Idaho
B.A. (Boise State University)
Liza Toth, Paris, France
B.S. (Antioch College)
John Frederick Winkler, Wellston
B.A. (Yale University)

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Norman Douglas Baker, Columbus
B.A. (Wittenberg University)
Cynthia Ann Coles, Zanesville
B.S. (Ohio University)
James Robert Evans, Columbus
B.S.
John Russell Hazlip, Uniontown
B.S. (Kent State University)
Daniel John Heinmiller, Columbus
B.S. (University of Notre Dame)
Debra Ann Heldman, Marietta
B.S. (Marietta College)
Harry Waldron McConnell, Akron
B.S. (McGill University)
Richard John Patterson, Canton
B.A. (Northwestern University)
William Elmer Scherger, Delphos
B.A.
Ronald Ian Shorr, Cleveland
B.A. (Duke University)
Jeffrey Dean Trabue, Columbus
B.A. (Wittenberg University)
Blayne Rebecca Tuggle, Cincinnati
B.A. (Wittenberg University);
M.S. (Western Kentucky University)
Edith Kay Woody, Columbus
B.S. (Bethune-Cookman College);
M.S. (Atlanta University)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Virginia Louise Abbot, Columbus
Janice Marie Adamovich, Macedonia
Rosemary Ann Andorka, Canton
Beth Marie Bable, Flat Rock
Julie May Baptista, Bellevue
Carol Frances Bartolo, Youngstown
Carolyn Louise Bergin, Warren
Randy Alise Berman, Lancaster, Pa.
Cheryl Ann Borden, Columbus
Barbara Ann Boucher, Bryan
Teresa Ann Burk, Springfield
Diane Marie Caligiuri, Cincinnati
Sharon Sue Corrigan, Toledo
Ruthann Crane, Youngstown
Nancy Marie Crissman, Brookfield
Kathy Lynn Davis Crossen, Rio Grande
Robert Warren Crossmon, Loudonville
Susan Elaine Dickman, St. Marys
Karen Sue Eldredge, Chardon
Dianne Patricia Faeble, Columbus
Joseph James Fagan, Ocean City, N. J.
Beth Barth Farrington, New Washington
Peggy Ann Fink, Broadview Heights

Teresa Ann Gibson, Pickerington
 Carol Lorraine Haas, Marietta
 Jacqueline Deanna Hartley, Cincinnati
 Melodee Jean Hayes, Akron
 Patricia Janine Heider, Dayton
 Nancy Irene Horner, Cincinnati
 Susan Jean Horner, Kenton
 Cathy Lee Jones, Columbus
 Heidi Lynn Kaplan, Kent
 Lisa Marie Kitchen, Kettering
 Leon Joseph Kline, Akron
 Theresa Louise Kollar, Franklin, Pa.
 Heidi Barbara LaRue, Broadview Heights
 Bethany Kaye Lebold, Akron
 Krista Elizabeth Lindennuth, Germantown
 Joy Ellen Litten, Columbus Grove
 Kirstin Annora Livingston, Aurora
 Victoria Annette Manger, West Jefferson
 Teresa Ann May, Anna
 Gretchen Elizabeth McQuown, Warren
 Amy Lynn Miller, Reynoldsburg
 Amy Postema Miller, Plymouth
 Nancy Lynn Miller, Cleveland Heights
 Pamela Anne Miller, North Olmsted
 Lori Lynn Mong, Mansfield
 Gilbert Charles Morris, Upper Arlington
 Christine Paula Newlon, Columbus
 Kathryn Marie Nietert, Trotwood
 Laura Anne Pompei, Zanesville
 Jayne Michelle Prushing, Hamilton
 Ruth Mary Redle, Akron
 Mary Frances Rieser, Columbus
 Cindy Joy Schwartz, Cincinnati
 Barbara Ann Seilkop, Greenfield
 Gina Sentelik-Roberts, Stow
 Laurie L. Shuts-Owens, Worthington
 Susan Lynn Smith, Campbell
 Sharon Lee Sparks, Dayton
 Karen Marie Stallkamp, Beaver Creek
 Sheryl Ann Staz, Columbus
 Cherilee Steele, Columbus
 Rhonda Renee Stone, Ironton
 Lesa Ann Foster Stover, Mt. Gilead
 Laura Lynne Thomas, Cincinnati
 Barbara Ann Tindal, Cleveland
 Kenneth David Whalen, Centerville
 Mo-Ching Yu, Hong Kong
 Caroline Ann Zimmerman, Columbus

School of Nursing

Bachelor of Science in Nursing

Milinda Birnbaum, Marion
 Syndee Jo Bittengle, Shadyside
 Kathy Lynn Conner, Bainbridge
 Karen Joan Crane, Canton
 Anita Marie Davis, Ravenna
 Kendall Jayne Davis, Akron
 Martha Marie Doody, Rocky River
 Debra Ann Fagert, Youngstown
 Tracy Anne Gaul, Strongsville
 Kathy Ann Gorsuch, Amsterdam
 Theresa Marie Grohs, Sandusky
 Dawn Lynnette Hawkes, Williamsport
 Cynthia Pablo Mak, Worthington
 Luanne Marie May, Hubbard
 Julie Christine Peraus, Strongsville
 Laura Beth Riehm, Cincinnati
 Rebecca Jo Latorre Schmitt, Galloway
 Deborah Ann Tettelbach, Cincinnati
 Susan June Wallace, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Angel Lea Ciano, Ravenna
 Mark Stephen Dominik, Celina
 Juliet Claire Gothelf, Hudson
 Paul Jeffrey Hassel, Chardon
 B.S. (Heidelberg College)
 Scott Gerard Jamieson, Columbus
 Brian George Prewitt, Blanchester

College of Social Work

Acting Dean: Thomas M. Meenaghan

Bachelor of Science in Social Welfare

Elizabeth Ann Henderson, Cincinnati
 Audrey Paulette Saewitz, Dayton

Graduates with Honors

**With Distinction in
 Agricultural Economics**

Alan Curtiss Motto

**With Distinction in
 Photography and Cinema**

Janet Myers Schmidt

**With Distinction in English and
 With Honors in the Liberal Arts**

Genevieve Lynn Van Hyde

With Honors in the Liberal Arts

Daniel Buchanan

Cum Laude

Carol F. Bartolo
 Joyann Binsley
 Daniel Thomas Burke
 Sherri L. Byer
 Amanda Clay Chambers
 Antonio Ignatius Chirco
 Roger Ansley Clark
 Timothy Brian Day
 Cheryl Ann Dodds
 Carol Ann Faus
 Roy Allen Flowers
 Kerrill Ann Foster
 Jacob Sean Glower
 Adam Goldberger
 Stewart H. Golden
 William Hodges Hendrix
 Kathy Ruth Hlenize

Susan J. Horner
 Douglas Eugene Horton
 Mary Elizabeth Hoying
 Cathy Ann Jackson
 Elizabeth Seton Kilsheimer
 Kaye Marie Kipp
 Nancy Eileen Kirwin
 Ann Marie Lieb
 Teresa Ann McCarthy
 Stephen Michael Neal
 Barbara Teatino Nini
 Mark Dale Oberly
 Cynthia Ann Ortmann
 Richard John Patterson
 Kristie J. Plank
 George Edward Raudabaugh
 Mary F. Rieser
 James Timothy Sayler
 Douglas Joseph Scofea
 Mary Hughes Seeman
 Lesa F. Stover
 Marcia Kay Stutzman
 Barbara Crouch Sullivan
 Janet Taylor Terbune
 Ruth Elaine Torrie
 Laura Marie Walter
 Donna Marie Williams
 Roxanne Wiseman
 Diane K. Yanice
 Michael David Zuern

**Cum Laude with Distinction in
 Environmental Communications**

Dorothy Marie Durgin

**Cum Laude with Distinction in
 Family Relations and Human Development**

Diane Marie Urig

Cum Laude with Distinction in Horticulture

Steven Mryan Magley

**Cum Laude with Distinction in
 Plant Pathology**

Timothy Bischoff

**Cum Laude with Distinction in
 Textiles and Clothing**

Teena Marie Kite

**Cum Laude with Distinction in Astronomy
 and with Honors in the Liberal Arts**

Stephen Andrew Cota

Summa Cum Laude

Gary Wayne Addison
 Kerry Annette Ater
 Cheryl A. Borden
 Gay Bosley Carr
 Warren Earl Diehl
 David Raymond Heilers
 John Frank Herbert, Jr.
 Carol Ann Irwin
 Erik Andrew Lacin
 Chad Eugene Law
 Drew Allen Logan
 Denn Paul Margeson

Daniel Philip Minutilli
Gerald Roger Morris
Dana Gast Pritchett
Lori Ann Sandor
Steven T. Saunders
Linda F. Searcy
Teresa Ludwig Shilling
Leslie Skelly
Susan Lynn Smith
Kristine Frey Tikson

**Summa Cum Laude with Distinction in
Forest Biology**

Joel Preston Tilley

**Summa Cum Laude with Distinction in
Textiles and Clothing**

Barbara Jean Chapman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 9, 1982

The Board of Trustees met at its regular monthly meeting on Thursday, December 9, 1982, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J. Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

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Minutes of the last meeting were approved.

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December 9, 1982 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 11:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J. Smith, John D. Jacob, D. James Hilliker, John F. Havens, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-61

Synopsis: Amendments to rules 3335-5-46, 3335-5-49, 3335-5-50, 3335-5-52, and 3335-7-32 are presented for adoption.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in *Rules of the University Faculty* were approved by the University Senate on November 13, 1982, as follows:

Amended Rules

3335-5-46 Senate committees.

- (E) Committee chairpersons: except where otherwise specified by the senate, each committee shall elect its chairperson pro tem in the spring from its continuing membership and a chairperson at its first meeting in the autumn quarter.
- (F) Committee vacancy: the chairperson will report vacancies to the appropriate nominating source. For the purpose of this rule, a vacancy exists when an elected member is on leave of absence or fails to meet the participation requirements defined by the committee.

Steering committee

- (I) The steering committee shall consist of thirteen members apportioned as follows: six faculty, one dean, two administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the vice president for academic affairs and provost and the university fiscal officer. The (elected) members of the steering committee shall be chosen as follows:

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
- (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.
- (3) The four student members shall be as follows:
 - The president of the graduate-professional council
 - The president of the council of graduate students
 - The president of the undergraduate student government
 - One elected through nomination from the undergraduate student membership of the senate.
- (K) The steering committee shall annually select its chairperson from among the six faculty members of the committee.
- (L) The steering committee shall have the following duties and responsibilities:
 - (1) It shall be the senate's committee on committees: it shall have the power to call, by a vote of nine of its members, a special meeting of the senate, and shall have such power and duties as the senate may delegate to it during periods when the senate is not in session. It may create subcommittees and may delegate to them any of its powers, functions, and duties.
 - (2) The steering committee shall serve as a channel of communication between the university senate and the president and the board of trustees. Its elected members shall be an advisory group available to both the president and the board of trustees for advice and counsel on any matter relating to the operation and development of the university. After consulting with the president, the elected members of the steering committee may request and obtain a meeting with the board of trustees.
 - (3) The steering committee shall, at the beginning of each year or as vacancies may occur, nominate candidates for election by the senate to membership on those committees for which other means of nomination are not specified in the rules.
 - (4) The steering committee shall meet at least once every year with the chairpersons of all standing committees.

Elections committee

- (V) The elections committee shall have the following duties and responsibilities:
 - (3) Hearing appeals concerning election of senate members and making recommendations to the senate on the resolution of such appeals. (B/T 7/7/72, B/T 6/14/74, B/T 3/7/75, B/T 7/9/76, B/T 7/21/78, B/T 7/20/79, B/T 2/1/80, B/T 3/6/81, B/T 12/9/82)

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-49 The library council.

- (A) The library council shall consist of nine members of the university faculty, one of whom is a member of the senate; the vice president for academic affairs and provost, or designee; the dean of the graduate school; the director of libraries; one graduate student appointed by the president of the council of graduate students with the approval of the council of graduate students; one professional student appointed by the president of the graduate-professional council with the approval of the graduate-professional council; and two undergraduate students appointed by the president of the undergraduate student government with the approval of the undergraduate student assembly. The faculty council shall appoint the nine faculty members for three-year terms, three to retire each year and to be ineligible for reappointment during one year thereafter. The chairperson shall be elected from among the faculty members of the library council and shall report to the university senate.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the vice president for academic affairs and provost.
- (D) The library council is responsible for advising the vice president for academic affairs and provost on the appointment of a director of libraries.

3335-5-50 Council on student affairs.

- (A) The council on student affairs shall consist of fifteen members as follows:
 - (1) Eight students to be selected as follows:
 - (a) The president of the undergraduate student government.
 - (b) The president of the association of women students.
 - (c) Two students appointed by the president of the undergraduate student government with the advice and consent of the student assembly.
 - (d) Two students to be appointed by the president of the council of graduate students with the advice and consent of that council.
 - (e) One student to be appointed by the president of the graduate-professional council with the advice and consent of that council.
 - (f) One representative student appointed by the president of the freshman senate from the membership of that body.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

The six students appointed shall serve one-year terms but shall be eligible for reappointment.

- (2) Six elected faculty members, at least two of whom shall be university senate members, chosen by the university senate for three-year terms, two to be chosen each year.
- (3) The executive associate vice president for academic affairs (student services), who shall vote in case of ties.
- (B) The executive associate vice president for academic affairs (student services) shall be chairperson of the council and shall report as requested to the vice president for academic affairs and provost and to the university senate.
- (C) The council shall be the principal liaison council between student government and the faculty and administration. It may recommend to the university senate proposed legislation affecting student life and activities. Its administrative responsibilities shall be expressed through recommendations to the executive associate vice president for academic affairs (student services).
- (G) Without limiting the generality of the foregoing, the council's jurisdiction shall also extend to rights and responsibilities of students. Other specific responsibilities consistent with the concept of the council as outlined above may be added from time to time by assignment from the vice president for academic affairs and provost.

3335-5-52 Council on admission and registration.

- (A) The council on admission and registration shall consist of seventeen members chosen as follows:
 - (1) Appointed members. Three members of the university faculty shall be appointed by the president for three-year terms. Appointed members shall be eligible for reappointment.
 - (2) Ex officio members. The persons holding the following three titles shall be ex officio members: vice president for academic affairs and provost or designee (who shall serve as chairperson of the council); executive associate vice president for academic affairs (student services) or designee (who shall serve as secretary of the council); and the vice president for business and finance or designee.
 - (3) Members elected by the senate: six faculty, at least three of whom shall be senate members; two undergraduate students; two graduate students; and one professional student.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (B) It shall be the responsibility of this council to recommend, to the appropriate university offices or to the university senate, depending on the nature of the recommendation, administrative policies governing admission to the university, and student registration. Such recommendations as impinge on academic policies or standards shall be developed in collaboration with the council on academic affairs.
- (C) Reports by this council to the president, other than those made through the university senate, shall be made through the executive associate vice president for academic affairs (student services).

3335-7-32 Withdrawal from courses or from the university.

- (C) Until five p.m. of the third Friday of a quarter or the second Friday of a summer term, a student may withdraw from any or all courses which began in the same quarter (or term), and no record for the course(s) will be entered on the student's official permanent record.
- (D) After five p.m. of the third Friday of a quarter and until five p.m. of the seventh Friday of a quarter, if a student withdraws from any or all courses which began in the same quarter, the director of registration, records, and scheduling is authorized to enter the mark "W" on the student's official permanent record for the courses withdrawn.
- (E) After five p.m. of the seventh Friday of the quarter or the second Friday of a summer term, a student who because of circumstances beyond his/her control finds it necessary to withdraw from any or all courses, must file the appropriate petition with the authorized representative of the dean or director of the enrollment unit. Reasons not acceptable include (but are not limited to) the student's performance in the course(s), lack of preparation for the course(s), or dissatisfaction with the subject matter offered in the course(s). If the petition is approved, a copy will be filed with the director of registration, records, and scheduling who is then authorized to enter the mark "W" on the student's official permanent record and the instructor(s) of the course(s) will be so notified. If the petition is not approved, the student continues to be enrolled in the course(s) and a final mark must be submitted by the instructor(s). Withdrawal from any and all courses shall not be permitted after the last day of regularly scheduled classes except when the student experiences a genuine emergency after the regularly scheduled classes end and prior to sitting for the final examination in a given course or courses.
- (F) Withdrawal from any or all courses shall not be permitted after the final examination in that course has been given.

December 9, 1982 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

NOW THEREFORE

BE IT RESOLVED, That the foregoing amendments to existing *Rules of the University Faculty* be adopted by the Board of Trustees for implementation and incorporation in the Administrative Code.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN**

Resolution No. 83-62

Synopsis: Adoption of a dental practice plan governing the intramural practice activities of faculty members of the College of Dentistry is proposed.

WHEREAS the College of Dentistry has maintained a dentistry practice clinic to promote the research and teaching objectives of the College; and

WHEREAS the dean of the College of Dentistry in consultation with the dentistry faculty and appropriate University offices/officials has determined that the current appointment/fiscal process associated with clinical practice needs to be redefined; and

WHEREAS the establishment of an intramural dentistry practice plan is consistent with practices in place at other colleges of dentistry; and

WHEREAS the establishment of such a plan would further enhance academic excellence within the College of Dentistry as well as the quality of service provided in the dental clinic:

NOW THEREFORE

BE IT RESOLVED, That the Intramural Practice Plan of Dentistry be approved and adopted for implementation effective July 1, 1982, and that the provisions of the plan be designated as Rules 3335-107-01 through 3335-107-05 of the Ohio Administrative Code; and

BE IT FURTHER RESOLVED, That all actions heretofore taken by the Dean of the College of Dentistry pursuant to the provisions of this resolution are hereby affirmed and ratified.

December 9, 1982 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN (contd)**

NEW RULES

3335-107-01 Introduction.

The Ohio state university college of dentistry, recognizing that the intramural practice plan of dentistry by all full-time members of the faculty of the college of dentistry who are licensed to practice dentistry in the state of Ohio will serve to enhance the teaching, research and patient care missions of the college, hereby grants to each member the privilege of conducting such intramural practice subject to the terms and conditions incorporated into this practice plan. All persons beginning service as full-time faculty members at the Ohio state university on July 1, 1982, and thereafter, shall be subject to this plan as a condition of their employment at the Ohio state university and all persons who began service as a full-time faculty member prior to July 1, 1982, shall have the opportunity to join this practice plan and it shall then be a condition of their employment at the Ohio state university.

3335-107-02 Definitions.

For purposes of rules 3335-107-01 to 3335-107-05 of the Administrative Code:

- (A) "Full-time faculty member" shall mean a member of the faculty of the Ohio state university college of dentistry who is appointed to the college on an appointment requiring one hundred percent service to the university.
- (B) "Salary" shall mean the individual faculty member's base salary specified in the annual notice of appointment issued by the Ohio state university.
- (C) "Practice income" shall mean total receipts from patient care fees generated by a full-time faculty member covered under this plan from the performance of patient care services.
- (D) "College" shall mean the Ohio state university college of dentistry.
- (E) "Dean" shall mean the dean of the Ohio state university college of dentistry.
- (F) "University" shall mean the Ohio state university.

3335-107-03 Operational procedures.

(A) Practice time.

All full-time faculty members of the college who are licensed to practice dentistry in the state of Ohio will be permitted to practice up to an average of one day per week within the Ohio state university in accordance with the policies and procedures regarding outside professional services as adopted by the university. No other practice by a full-time faculty member outside the university will be permitted. Practice time and location will be agreed upon by the dean of the college, the individual faculty member and the chairman of the section in which the faculty member serves.

**THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN (contd)**

- (B) (1) The college of dentistry will supply clinical facilities, known as the "intramural practice clinic," where the individual faculty member is to conduct his intramural patient care practice. Such clinical facilities shall include designated practice space and fixed equipment, including a dental chair, and fixed handpieces associated therewith, laboratory equipment, and operating equipment. The college shall see that the personnel or mechanisms necessary to support the practitioner and to coordinate appointments and billings in accordance with paragraph (C) of rule 3335-107-03 of the Administrative Code are provided the faculty member.
- (2) The individual faculty member shall be responsible for furnishing and paying for his or her own specialized materials, instruments, and laboratory fees as determined by the dean.
- (C) Appointments, billings and collections.

The college shall be responsible to see that a professional fee office will be maintained as a part of this practice plan. This office shall be responsible to see that billing statements are issued, fees collected, and that appropriate records of all billings and payments are maintained for all full-time faculty participation in this plan. The records will be kept current and be open for inspection by the dean of the college, section chairpersons, or any faculty member participating in this practice plan. Appointment books recording the daily private practice of the members will be kept in the intramural practice clinic by individuals designated by the dean. These books are subject to review by the dean or his representatives.

3335-107-04 Allocation of fee income and costs associated with production of fees.

- (A) Distribution of costs.

The college shall maintain accurate records of the total costs (direct or indirect) incurred in university facilities to support patient care practice. It is recognized that these costs are appropriately shared by the Ohio state university, the college of dentistry, and the individual faculty member.

- (B) Distribution of practice income.

In addition to his or her "salary," each faculty member participating in this practice plan shall be permitted to generate practice income from his patient care activities. Practice income shall be distributed as follows:

- (1) Fifty percent of a full-time faculty member's practice income shall be payable to the individual faculty member, subject to no further university limitations.
- (2) A percentage of a full-time faculty member's practice income, as agreed upon by the authorized fiscal representative of the Ohio state university and the dean, shall be paid to the Ohio state university to compensate the university for the costs (direct and indirect) associated with the dental facilities provided at the university. This percentage amount shall be no less than ten percent of practice income.

December 9, 1982 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY COLLEGE OF DENTISTRY
INTRAMURAL PRACTICE PLAN (contd)**

- (3) The remaining percentage of a full-time faculty member's practice income, after deducting the percentage paid pursuant to paragraphs (B) (1) and (B) (2) of rule 3335-107-04 of the Administrative Code, shall be paid to the college of dentistry to be used as determined by the dean.

3335-107-05 Academic program considerations.

(A) Patient care.

Every patient treated within the intramural practice clinic shall be assigned (or will select on the advice of a referring dentist or physician) a faculty member as his or her personal dentist. The personal dentist will be responsible for the professional care of the patient. The personal dentist shall obtain the necessary consent from each of his or her patients, such that every patient treated within the intramural practice clinic shall be available for student observation and training.

(B) Records.

All records pertaining to patient care, billing, appointments and collections within the intramural practice clinic shall be made available for student observation and training.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous roll call vote.

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PERSONNEL ACTIONS

Resolution No. 82-63

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Leaves of Absence Without Salary and Emeritus Title are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the November 5, 1982 meeting of the Board, including the following Leaves of Absence Without Salary and Emeritus Title as detailed in the University Budget, be approved.

Leaves of Absence Without Salary

EDWARD P. CORBETT, Professor, Department of English, effective January 1, 1983 through March 31, 1983, to serve as visiting professor at the University of Houston.

December 9, 1982 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

DAVID K. HSIAO, Professor, Department of Computer and Information Science, effective October 1, 1982 through June 30, 1983, to attend the Naval Postgraduate School.

JOHN H. KESSEL, Professor, Department of Political Science, effective January 1, 1983 through March 31, 1983, to accept a fellowship from the Earhart Foundation to work on a book to be called, *Presidential Parties*.

LOUISE GUTHMAN, Associate Professor, Department of Dance, effective October 1, 1983 through December 31, 1983, for personal reasons.

ELEANOR DANIEL, Assistant Professor, University Libraries, effective November 15, 1982 through January 2, 1983, for medical reasons.

Emeritus Title

VERNON L. THARP, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-64

Synopsis: Resolutions honoring the service of four of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

C. Joseph DeLor

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 9, 1982, of C. Joseph DeLor, Professor Emeritus in the Department of Medicine.

C. Joseph DeLor was born January 24, 1907, in Sandusky, Ohio. He attended the public schools in Sandusky and obtained a Bachelor of Arts degree from Michigan in 1928. He

December 9, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

C. Joseph DeLor (contd)

later transferred to The Ohio State University and obtained a Master of Science degree in Pathology in 1934 and a M.D. degree in 1934. Following graduation from medical school he interned at the old St. Francis Hospital from 1934 to 1935 and was a resident in medicine at the University Hospital from 1934 through 1937. He joined the faculty as a Clinical Assistant in 1937. He rose through the ranks and obtained the rank of Professor in the Department of Medicine in 1959. He was a member of the American Board of Internal Medicine, the American College of Physicians, and the American Gastroenterological Association. He was later appointed to the Pomerene Chair of Medicine and in 1977 became Professor Emeritus in the Department of Medicine.

Dr. DeLor received many honors during his career, among these being the Distinguished Service Award from The Ohio State University in 1980. He also received the Alumni Achievement Award from the College of Medicine. There was a named scholarship in biology contributed in his honor at Wittenberg University.

Among his many contributions to the College of Medicine, none was more important than the fact that he was able, in collaboration with former Professor of Surgery, John W. Means, to found the Division of Gastroenterology. The origin of this was commonly known as the old Gallbladder Clinic but gradually developed under Dr. DeLor's direction into the Division of Gastroenterology. He remained head of this Division until 1968. During this time a recognized training program was established in gastroenterology which has remained until this time. In collaboration with Ernest Scott, former Professor of Pathology, John W. Means, and Harry Reinhart, Professor of Pathology, and other contemporary associates, Dr. DeLor published a large number of scientific papers, largely in the field of gastroenterology and particularly some early important work in the field of gallbladder and biliary tract disease.

One of Dr. DeLor's most notable characteristics was that of an extreme sense of loyalty to his family, his friends, his patients, and particularly to The Ohio State University and its College of Medicine. No faculty member ever worked harder to promote the quality of patient care and instruction at this College of Medicine.

Among Dr. DeLor's many interests, none was more important to him than his love of nature. He was an avid fisherman and hunter and, more important, a conservationist in the true sense of the word.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Robert M. Gatrell

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 4, 1982, of Robert M. Gatrell, Professor Emeritus in the Department of Art.

December 9, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Robert M. Gatrell (contd)

Professor Gatrell earned his undergraduate and M.A. degrees at The Ohio State University.

Professor Gatrell joined the faculty of The Ohio State University as an Instructor in 1929 and continued to serve until 1976, a total of 48 years of service going through the successive ranks of Instructor to full Professor.

During World War II, Professor Gatrell served first in the Military Police and then in Army Intelligence as a photo-interpreter and was awarded the Bronze Star for special detections he made during Third U. S. Army operations in France.

When he returned to the University in 1946, the School of Art entered upon a period of expansion and an extensive revision of its curriculum. Professor Gatrell became a leader in establishing new educational standards for the school and was instrumental in inaugurating the new area of graphic arts in the instructional program of the school.

Over the years, Robert Gatrell received numerous awards and purchase prizes for his works in various media and is represented in dozens of private and public collections in Ohio. He and his wife have been a part of - and in many ways have guided - the growth and enrichment of art in Columbus for nearly half a century.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Martha Nelson Lewis

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 27, 1982, of Martha Nelson Lewis, former Director and Professor Emeritus of the Medical Dietetics Division, School of Allied Medical Professions.

Martha Nelson Lewis was born November 26, 1900, at Good Hope, Ohio. She was educated in the public schools of Washington Court House (Ohio) and received her B.S. degree from The Ohio State University in 1923. Her certificate of dietetic internship and M.S. degree were awarded by the University of Iowa, 1924. She pursued doctoral studies at Washington University, St. Louis, Missouri, and The Ohio State University, 1929-1932. Mrs. Lewis was unable to complete her doctoral program but her scholarly activities earned her an honorary Doctor of Science degree from The Ohio State University in 1979.

Dr. Lewis joined the Home Economics faculty at The Ohio State University in 1941. She served as Director of the Dietary Department at University Hospital 1941-1956 during which time she also organized and directed a dietetic internship master's degree program. Mrs. Lewis relinquished her position as director of the hospital dietary department in 1956 in order to devote more time to teaching responsibilities.

December 9, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Martha Nelson Lewis (contd)

Innovative educator that she was, Mrs. Lewis began immediately to design an undergraduate dietetics program characterized by integration of clinical with didactic learning experiences. This new Medical Dietetics program was approved in 1962 and was housed in the Department of Preventive Medicine. Ten years later the Millis Commission recognized the coordinated undergraduate curriculum in clinical dietetics as a prototype for the country. For her innovative efforts in dietetic education, Mrs. Lewis was presented the Copher Award, highest honor bestowed by the American Dietetic Association (1968).

Dr. Lewis made a significant contribution to research through balance studies of well infants (1926-1929) and metabolic studies of children with diabetes, celiac disease, epilepsy and malnutrition (1926-1931). During her tenure at The Ohio State University her research related to nutritional aspects of medicine and surgery. Her own diversified list of scholarly publications and the 150 theses written under her direction illustrate her commitment to improving the science of nutrition and application of its principles in the health care setting.

A Martha Nelson Lewis Lecture Fund was established in 1978 with gifts from friends and associates. This endowment fund supports a lecture series on the subject of nutrition.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Marion Llewellyn Pool

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 31, 1982, of Marion Llewellyn Pool, Professor Emeritus in the Department of Physics.

He was educated at the University of Chicago and received his B.S. degree there in 1924 and his Ph.D. degree in 1927.

In 1928, he came to The Ohio State University as an Assistant Professor. He became Associate Professor in 1932 and Professor in 1941.

A prolific research worker, Pool published literally hundreds of papers in the fields of artificial radioactivity, nuclear reactions and nuclear spectroscopy, plasma physics, and reactor physics. He also constructed at OSU one of the first cyclotrons in this country.

After his retirement in 1971, he continued active research work at the Departments of Chemistry and Physics at Western Illinois University on problems of magnetic confinement of fusion plasmas, a subject he was working on at the time of his death.

December 9, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Marion Llewellyn Pool (contd)

Professor Pool was a Fellow of the American Physical Society and of the American Nuclear Society, and a member of the European Physical Society and the American Association of Physics Teachers.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-65

Synopsis: The reports on contracts, grants, and gifts and the summary for October are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of October 1982, be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	89	\$5,965,402.41
Engineering Experiment Station	26	18,866.00
Ohio Agricultural Research and Development Center	2	24,700.00
		\$6,008,968.41

The Ohio State University Development Fund

Establishment of Named Funds

The John J. Gerlach Professorship Fund (Distinguished Teacher and Scholar-- Academic Faculty of Accounting)	\$ 168,750.00
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The Wayne G. English Scholarship Fund (Scholarship - College of Administrative Science)	\$ 91,718.75
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The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund (Distinguished Researcher in Ophthalmology)	\$ 24,945.38
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Ralph L. Bazler Memorial Scholarship (Undergraduate students - College of Agriculture and Home Economics)	\$ 6,136.00
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Jacob E. Davis Professorship in Law Fund (College of Law)	\$ 5,237.50
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The Harrison Faculty Award for Excellence in Engineering Education (Faculty Award - College of Engineering)	\$ 5,000.00
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Change of Name and Description of Named Fund

From: American Playwrights Theatre Fund	
To: American Playwrights Theatre Scholarship in Playwriting	\$ 8,475.32

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR OCTOBER 1982 (contd)

Report from Presidents Club

Members to date	4,568
1982 members: year to date	109
New members - October 1982	9

New Presidents Club Members - October 1982

Linda A. Fass	George A. Rogers
Lisa Marie Kolibash	Michael S. Sprague
James A. Kreglow	Dean D. Tresch
Dale K. Perdue	Karl F. Volkmar
Anna Marie Plouffe (Mrs. Joseph F.)	

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Federal Research Contracts/Grants

\$1,203,609.00 - Department of the Army, Defense Supply Service, Washington, D. C., An Experimental Study of an Ultra-Mobile Vehicle for Off-Road Transportation, Department of Electrical Engineering, ElectroScience Laboratory (R. B. McGhee and K. J. Waldron), 1 October 1982 through 30 September 1983. (Project 762945 - Continuation)

\$350,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Cooperative Agreement Between The Ohio State University and U. S. Agency for International Development for the Improvement of Savings and Credit Services by Rural Financial Institutions in Lesser-Developed Countries, Department of Agricultural Economics and Rural Sociology (D. H. Graham and D. H. Boyne), 24 September 1982 through 23 September 1983. (Project 763301 - New)

\$300,000.00 - Department of the Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Advanced SATCOM ECCM Techniques, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 1 October 1982 through 30 September 1983. (Project 762948 - Continuation)

\$240,000.00 - Department of Labor, Employment and Training Administration, Washington, D. C., National Longitudinal Studies of Labor Force Behavior, Academic Faculty of Labor and Human Resources, Center for Human Resource Research (M. E. Borus), 1 October 1982 through 30 September 1984. (Project 760081 - Continuation)

\$177,679.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion Cracking and Oxidation Characteristics of Boride-Strengthened Microcrystalline Iron and Nickel Based Alloys, Department of Metallurgical Engineering (C. E. Mobley), 1 October 1982 through 30 June 1984. (Project 763166 - Continuation)

\$174,195.00 - Environmental Protection Agency, Washington, D. C., Fate of DNA Damage in Human Fetal Cells, Departments of Radiology and Pharmacology (S. M. D'Ambrosio), 1 October 1982 through 30 September 1984. (Project 763308 - New)

\$141,200.00 - Department of the Air Force, Aeronautical Systems Division (AFSC), Wright-Patterson Air Force Base, Ohio, Feasibility Study for Development of an Expert Computer System for Contract Pricing, Department of Computer and Information Science (B. Chandrasekaran) and Academic Faculty of Accounting (J. F. Dillard), 1 October 1982 through 30 November 1983. (Project 763314 - New)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$110,853.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., Seed Vigor Influence on Nitrogen Fixation of Red Field Bean (*Phaseolus vulgaris*), Department of Agronomy (M. B. McDonald), 30 September 1982 through 31 August 1984. (Project 763325 - New)

\$89,410.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria, Department of Physiological Chemistry (G. P. Brierley), 1 September 1982 through 31 August 1983. (Project 760026 - Continuation)

\$79,969.00 - Department of the Navy, Naval Training Equipment Center, Orlando, Florida, OSU/Ship Docking CIG Simulation, Department of Art Education (C. A. Csuri), 16 December 1981 through 16 September 1983. (Project 761954 - Continuation)

\$78,509.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Preparation of Computer Science Instructors and Development of Computer Science Curricula through Central Ohio Consortium, Department of Computer and Information Science (L. J. White), 1 October 1982 through 30 September 1983. (Project 763306 - New)

\$75,500.00 - National Science Foundation, Washington, D. C., Diffusion Driven Boundary Motion in Alloys, Department of Metallurgical Engineering (P. G. Shewmon and G. Meyrick), 1 February 1983 through 31 January 1984. (Project 762784 - Continuation)

\$71,252.00 - Department of Labor, Employment and Training Administration, Washington, D. C., Characteristics of Business Demand for Newly-Trained or Entry-Level Workers, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1982 through 31 May 1983. (Project 763315 - New)

\$68,500.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, OSU Comprehensive Cancer Center Support (Core) Grant - Administration, Comprehensive Cancer Research Center (D. S. Yohn), 1 July 1982 through 30 June 1983. (Project 763976 - Continuation)

\$66,497.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Vertical and Temporal Structure of Suspended Particle Distributions, Department of Engineering Mechanics (K. W. Bedford, V. K. Varadan and V. V. Varadan), 1 October 1982 through 30 September 1983. (Project 763271 - New)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$58,000.00 - Department of Agriculture, Science and Education, Cooperative State Research Service, Arlington, Virginia, A Model System Crop Loss Study: Virus Diseases of Corn--Phase II, Continuation, Department of Plant Pathology (D. T. Gordon), 30 September 1982 through 30 September 1983. (Project 763311 - New)

\$54,277.00 - National Endowment for the Humanities, Washington, D. C., *War and Peace: The Novel as a Total-Experience--Summer Seminar for High School Students*, Department of Slavic and East European Languages and Literatures (F. R. Silbajoris), 1 October 1982 through 30 September 1983. (Project 763321 - New)

\$53,000.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Microstrip Analysis Techniques, Department of Electrical Engineering, ElectroScience Laboratory (E. H. Newman), 1 November 1982 through 31 October 1983. (Project 762478 - Continuation)

\$50,000.00 - Department of the Army, U. S. Army Research Office, Research Triangle Park, North Carolina, Coherent Electromagnetic Wave Propagation and Scattering in Random Media, Department of Engineering Mechanics (V. K. Varadan and V. V. Varadan), 16 November 1982 through 15 November 1983. (Project 762930 - Continuation)

\$50,000.00 - International Development Cooperation Agency, Agency for International Development, Miami, Florida, An Assessment of Rural Savings Mobilization Possibilities in the Dominican Republic, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 27 September 1982 through 31 December 1983. (Project 763305 - New)

\$49,920.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Propeller/Rotor Icing Study, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 January 1983 through 31 May 1983. (Project 762399 - Continuation)

\$49,872.00 - Department of Health and Human Services, Public Health Service, Food and Drug Administration, Rockville, Maryland, The Veterinary Drug Experience Reporting Program, Department of Veterinary Clinical Sciences (P. W. Murdick), 27 June 1982 through 26 June 1983. (Project 762689 - Continuation)

\$44,999.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, The Effects of Atmospheric Water Vapor on Infrared Propagation, Department of Electrical Engineering, ElectroScience Laboratory (R. K. Long and E. K. Damon), 1 December 1982 through 31 May 1983. (Project 762674 - Continuation)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$42,710.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistant Bureau, Agency for International Development, and Department of Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 1 October 1982 through 31 December 1982. (Project 760927 - Continuation)

\$39,723.00 - Department of the Army, Contracting Division, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery (ASVAB) Advisory Panel to Review the Quality of ASVAB and Its Promotional Materials, The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1982 through 30 September 1983. (Project 763319 - New)

\$39,659.00 - National Aeronautical and Space Administration, Ames Research Center, Moffett Field, California, Discrete Control Modelling of Computer-Aided Control of Strongly Interactive Systems, Department of Industrial and Systems Engineering (R. A. Miller) and Department of Psychology (R. J. Jagacinski), 1 March 1983 through 31 July 1983. (Project 763264 - Continuation)

\$37,978.00 - Environmental Protection Agency, Washington, D. C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - Continuation)

\$35,000.00 - National Science Foundation, Washington, D. C., Comparative Root Structure of Plants, Department of Botany (R. D. Warmbrodt), 1 November 1981 through 31 October 1983. (Project 762885 - Continuation)

\$30,000.00 - Department of the Navy, Naval Air Station, Pensacola, Florida, Study of a Specialized Medical Instrumentation System/Procedure Designed to Diagnostically Screen Visual/Vestibular Deficits and Defects Within the Naval Aviation Population, Department of Otolaryngology (C. W. Stockwell), 14 September 1982 through 14 September 1983. (Project 763309 - New)

\$30,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Investigation of Truncation Error Associated with Transonic Full Potential Equation and Optimum Redistribution of Grid Points, Department of Mechanical Engineering (S. Nakamura), 1 July 1982 through 30 June 1983. (Project 760964 - Continuation)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$29,987.00 - National Endowment for the Humanities, Washington, D. C., Completion of the Centenary Edition of Nathaniel Hawthorne, Volume XVII, Official Letters from Liverpool, 1853-1857, Volume XX, Miscellaneous Prose and Verse, Department of English (T. M. Woodson), 1 October 1982 through 30 September 1983. (Project 763307 - New)

\$27,450.00 - Department of Education, Office of Special Education and Rehabilitative Services, Washington, D. C., Regular Education Inservice (Comprehensive Vocational Education for All Handicapped Persons: Inservice Support for Transition from Education to Work), The National Center for Research in Vocational Education (R. E. Taylor), 1 October 1982 through 31 May 1983. (Project 762183 - Continuation)

\$25,000.00 - Department of Agriculture, Animal and Plant Health Inspection Service, Washington, D. C., Ohio Plant Pest Survey and Detection Program, Cooperative Extension Service - State Operations (I. W. Deep, D. L. Goleman, and T. L. Jones), 1 October 1982 through 30 September 1983. (Project 763261 - Continuation)

\$25,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on Computer Database Systems, Department of Computer and Information Science (D. K. Hsiao), 1 October 1982 through 30 June 1983. (Project 760226 - Continuation)

\$24,981.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 21 October 1982 through 30 April 1983. (Project 761608 - Continuation)

\$24,767.00 - Environmental Protection Agency, Washington, D. C., Disinfection of *Giardia lamblia* Cysts with Chlorine, Chlorine Dioxide and Ozone, Department of Civil Engineering (A. J. Rubin), 27 October 1982 through 27 April 1983. (Project 762487 - Continuation)

\$24,705.00 - Department of Education, Office of Special Education, Washington, D. C., Handicapped Pre-Service Personnel Preparation--Continuation Proposal, Third Year, School of Health, Physical Education and Recreation (W. F. Ersing), 1 October 1982 through 31 May 1983. (Project 762175 - Continuation)

\$22,235.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 30 August 1982 through 31 December 1982. (Project 762594 - Continuation)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$19,832.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Mechanical Control and Energetics of Muscle Contraction, Department of Physiology (E. Bozler), 30 September 1982 through 31 August 1983. (Project 760924 - Continuation)

\$18,300.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Dean's Grant, Academic Faculty for Exceptional Children (P. A. Connard), 1 October 1982 through 31 May 1983. (Project 762170 - Continuation)

\$17,736.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunobiology of Boronated Monoclonal Antibodies, Department of Pathology (R. F. Barth and C. W. Johnson), 1 October 1982 through 30 September 1983. (Project 762893 - Continuation)

\$12,330.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Color and Brightness Channels of the Visual System, Division of Sensory Biophysics (C. R. Ingling, Jr.), 30 September 1981 through 28 February 1983. (Project 761926 - Continuation)

\$11,590.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Development of a Field-Based Preparation Program in Special Education Administration and Supervision, Academic Faculty for Exceptional Children (R. H. Swassing), 1 October 1982 through 31 May 1983. (Project 763165 - Continuation)

\$11,395.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Ohio State University Preservice Training Project for Special Education Personnel, Academic Faculty for Exceptional Children (P. A. Connard), 1 October 1982 through 31 May 1983. (Project 762853 - Continuation)

\$10,780.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 1 October 1982 through 31 May 1983. (Project 763317 - New)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$9,760.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Special Education Component in University Affiliated Facility, Nisonger Center for Mental Retardation (D. C. Cavin), 1 October 1982 through 31 May 1983. (Project 762209 - Continuation)

\$8,400.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., An Award for Fellowships for 1982-83 Under the Graduate and Professional Opportunities Program, Title IX (Part B) of the Higher Education Act of 1965, as Amended, Graduate School - Administration and College of Education - Administration (A. S. Pruitt), 1 October 1982 through 31 August 1983. (Project 763113 - Continuation)

\$7,930.00 - Department of Education, Office of Special Education and Rehabilitative Services, Office of Special Education, Washington, D. C., Inservice Training for School Administrators, Academic Faculty for Exceptional Children (J. O. Cooper), 1 October 1982 through 31 May 1983. (Project 762139 - Continuation)

\$6,100.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., The Preservice and Inservice Training of Teachers of the Hearing Impaired in Microcomputer and Computer Graphics Techniques as an Instructional Tool in Grades K-12, Academic Faculty for Exceptional Children (S. Rose), and Department of Engineering Graphics (M. B. Waldron), 1 October 1982 through 31 May 1983. (Project 763154 - Continuation)

\$3,000.00 - National Endowment for the Arts, Washington, D. C., Artists in Residence Program, Department of Art Education (K. A. Marantz and R. C. Tauber), 1 October 1982 through 30 June 1983. (Project 763324 - New)

\$2,135.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Ohio State University Pre-Service/Inservice Training Project for Special Education Personnel: Optacon Inservice Workshop, Academic Faculty for Exceptional Children (M. E. Ward), 1 October 1982 through 31 May 1983. (Project 762171 - Continuation)

\$2,000.00 - National Endowment for the Arts, Washington, D. C., Visiting Artists in Columbus - 82/83, Department of Photography and Cinema (J. R. Green), 1 July 1982 through 30 June 1983. (Project 763313 - New)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS

\$4,237,724.00

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$40,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Promotional Effects of Combinations of Caffeine and Dietary Factors on Breast Cancer Development, Department of Surgery (J. P. Minton), 25 June 1982 through 30 June 1983. (Project 763323 - New)

\$34,397.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Right to Refuse Treatment: A Policy Analysis, Department of Sociology (D. Longmire), 1 November 1982 through 30 June 1983. (Project 763327 - New)

\$28,167.00 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1982 through 30 September 1983. (Project 764100 - New)

\$9,800.00 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of State-wide Career Education Activities, Academic Faculty of Special Education (J. J. Quaranta), 1 October 1982 through 31 March 1983. (Project 763053 - Continuation)

\$9,778.00 - State of Ohio, The Ohio Youth Commission, Columbus, Ohio, Intern Training for Teaching Academic and Social Skills to Special Education Students, Academic Faculty for Exceptional Children (D. S. Hill), 1 July 1982 through 31 August 1982. (Project 763182 - Continuation)

\$9,000.00 - State of Ohio, Department of Health, Columbus, Ohio, Comparing Regulatory Decisions Under the 1122 and the CON Project Review Procedures, College of Medicine - Administration (P. C. Nutt), 1 October 1982 through 30 September 1983. (Project 762901 - Continuation)

\$3,406.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Support for Performing Arts Events at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 14 October 1982 through 4 May 1983. (Project 763329 - New)

\$500.00 - State of Ohio, Ohio Arts Council, Columbus, Ohio, Support for Performing Arts Events at Mershon Auditorium, Mershon Auditorium (T. Van Leer), 11 April 1983 through 13 April 1983. (Project 763330 - New)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS

\$ 135,048.00

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$688,683.00 - National Training Fund of the Sheet Metal and Air Conditioning Industry, Washington, D. C., National Training Fund University Center for the Sheet Metal and Air Conditioning Industry, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1985. (Project 763337 - Continuation)

\$277,759.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - New)

\$92,569.00 - University of Michigan, Ann Arbor, Michigan, Genes on Mitochondrial DNA, Department of Genetics (P. S. Perlman), 1 September 1982 through 31 August 1983. (Project 761294 - Continuation)

\$80,000.00 - Forsvarets Materielverk, Stockholm, Sweden, Computation of the Performance of an Element Antenna Array Mounted on an Aircraft, Department of Electrical Engineering, ElectroScience Laboratory (A. A. Ksienski), 7 October 1982 through 6 June 1983. (Project 763316 - New)

\$45,466.00 - Teledyne Wah Chang Albany, Albany, Oregon, Nodular Corrosion of Zircalloys in High Temperature Steam, Department of Metallurgical Engineering (D. D. Macdonald), 1 October 1982 through 30 September 1983. (Project 763326 - Continuation)

\$39,516.00 - Rockwell International, Orange, California, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 8 October 1982 through 7 March 1983. (Project 763336 - New)

\$30,726.40 - Burroughs Wellcome Co., Research Triangle Park, North Carolina, Acute Dose Tolerance of BW 325U vs. Placebo in Normal Male Volunteers, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

\$30,650.00 - Council on Legal Education Opportunity, Washington, D. C., 1982 Summer Institute, College of Law (L. Pernell), 20 June 1982 through 30 October 1982. (Project 763202 - New)

\$28,950.00 - Pittsburg State University, Pittsburg, Kansas, and Florida International University, Miami, Florida, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor) 1 September 1982 through 31 August 1983. (Project 763245 - Continuation)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$25,891.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 January 1983 through 30 June 1983. (Project 763334 - New)

\$23,745.00 - Southeastern Ohio Technical Education Consortium, Hocking Technical College, Nelsonville, Ohio, Cooperative Agreement Between the Southeastern Ohio Technical Education Consortium and The Ohio State University Research Foundation, Cooperative Extension Service - State Operations (C. J. Cunningham) and Cooperative Extension Service - Field Operations (L. G. Sanford and D. P. Miller), 1 September 1982 through 30 June 1983. (Project 763318 - New)

\$23,152.39 - Ives Laboratories, Inc., New York, New York, An Open-Design Dose Proportionality Study of Surmontil® in Healthy Adult Volunteers, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

\$18,951.00 - National Cash Register, Dayton, Ohio, Development of a Criterion Referenced Training Course for NCR Field Engineers: Model 6325 Tape Drive Unit (Phase III), Academic Faculty of Vocational-Technical Education (J. E. Sage) and College of Education - Administration (J. J. Buffer), 1 September 1982 through 1 July 1983. (Project 763339 - Continuation)

\$18,907.35 - Adria, Inc., Columbus, Ohio, Comparison of the Bioavailability of Indoprofen 100 MG Capsules Produced by Two Different Manufacturing Processes, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

\$16,674.88 - E. I. duPont de Nemours & Company, Wilmington, Delaware, Bioavailability/Pharmacokinetic Study of Oral Nalbuphine, Aspirin, and Nalbuphine/Aspirin Tablets (A-50), Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

\$16,000.00 - Seven Members of the National Alliance, National Alliance of Post-secondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$15,190.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Furazolidone-Cardiomyopathy in Turkeys, Department of Veterinary Physiology and Pharmacology (R. L. Hamlin), 1 October 1982 through 30 September 1983. (Project 763322 - New)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$13,932.00 - Council on International Educational Exchange, New York, New York, Japanese English Teachers Workshop, Department of English (B. S. Sutton), 1 April 1982 through 30 June 1983. (Project 763092 - Continuation)

\$13,900.00 - Utah State Office of Education, Salt Lake City, Utah, An Examination of the Management and Organizational Structure of the Utah State Board of Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 23 August 1982 through 31 October 1983. (Project 763332 - New)

\$12,000.00 - The Arthritis Foundation, Columbus, Ohio, Immunoregulation and Autoimmunity, Department of Medicine (R. L. Whisler), 1 April 1982 through 31 March 1983. (Project 760620 - Continuation)

\$10,710.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 10 October 1982 through 31 December 1982. (Project 762992 - Continuation)

\$10,420.00 - The Upjohn Company, Kalamazoo, Michigan, Solu-Medrol in Presumptive and Definite Septic Shock Protocol, Department of Medicine (J. F. Plouffe), 1 August 1982 through 31 July 1983. (Project 763181 - Continuation)

\$10,275.65 - Pfizer, Inc., Groton, Connecticut, Double-Blind Study of Sustained Release Trimazosin and Placebo in Hypertension, Department of Pharmacology (J. R. Bianchine), 1 March 1982 through indefinite. (Project 763104 - Continuation)

\$10,000.00 - Morris Animal Foundation, Englewood, Colorado, The Epidemiology and Control of Strongylus Vulgatis the Major Cause of Colic in Horses, Department of Veterinary Pathobiology (R. P. Herd) and Department of Veterinary Clinical Sciences (A. A. Gabel), 1 August 1980 through 31 July 1983. (Project 762323 - Continuation)

\$10,000.00 - Ohio Delta Kappa, Bloomington, Indiana, Phi Delta Kappa Commission for Developing Public Confidence in Schools, Academic Faculty of Educational Foundations and Research (W. W. Wayson), 1 October 1982 through 30 April 1984. (Project 763320 - New)

\$9,890.00 - University of Minnesota, St. Paul, Minnesota, Self-Image in Adolescence: Coping with Change, Department of Psychology (D. A. Blyth), 1 July 1982 through 30 April 1983. (Project 763312 - New)

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$9,441.74 - Burroughs Wellcome Company, Research Triangle Park, North Carolina, A Study to Determine the Safety and Efficacy of Multiple Oral Doses of Rythmatine (Meobentine Sulfate) in Patients with Stable Ventricular Arrhythmias, Department of Medicine (S. F. Schaal), 1 September 1982 through 30 June 1983. (Project 763335 - New)

\$7,700.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, "Do Steroid Hormones or Tumor Promoters Cause Secretion of Tumor Growth Factors?", College of Pharmacy (L. J. Wallace), 1 October 1982 through 30 September 1983. (Project 763328 - New)

\$1,530.00 - Insulation Industry's National Apprenticeship and Training Fund, Washington, D. C., Instructor Training Workshop--Insulation Industry's National Apprenticeship and Training Fund, The National Center for Research in Vocational Education (R. E. Taylor), 4 September 1982 through 31 October 1982. (Project 763250 - Continuation)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$1,592,630.41
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ENGINEERING EXPERIMENT STATION

Industry and Other Sponsored Research and Development

\$18,866.00 - Twenty-five industrial firms for 26 development projects under the direction of one engineering department and one research area.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

\$14,700.00 - Michigan State University, East Lansing, Michigan, support of IR-4 Satellite Laboratory, Department of Entomology, July 1, 1982 to January 31, 1983. (Subcontract No. 80-CRSR-2-0506)

Gift of \$5,000.00 or More

\$10,000.00 Eli Lilly and Company, Indianapolis, Indiana

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

- \$100,000.00 Ola Moore, Marion, Ohio, for John Moore Memorial Loan Fund.
- \$ 70,000.00 General Motors Foundation, Detroit, Michigan: \$13,000.00 for Mechanical Engineering Campaign; \$11,000.00 for Electrical Engineering Campaign; \$8,000.00 for Industrial Systems Engineering Campaign; \$7,000.00 for Chemical Engineering Campaign; \$6,000.00 for Engineering College Special Fund; \$6,000.00 for Mechanical Engineering Coal Combustion Fund; \$6,000.00 for Welding Engineering Campaign; \$5,000.00 for Engineering Graphics Engineering Campaign; \$5,000.00 for Metallurgical Engineering Campaign; \$2,000.00 for Women Engineers--Engineering Administration; and \$1,000.00 for Affirmative Action Program in Engineering.
- \$ 54,900.00 Dorsey Labs, Lincoln, Nebraska: \$38,900.00 for Merck Research Fund and \$16,000.00 for Natural Products Chemistry and Pharmacognosy Fund.
- \$ 37,789.82 Pfizer, Inc., Groton, Connecticut, for Infectious Disease Research Fund.
- \$ 30,000.00 Camille Botte, Columbus, Ohio, for OSU National Merit Scholarship Fund.
- \$ 25,000.00 The Jackson Building L & S, Jackson, Ohio, for Ohio Lions Club Blindness Research Fund.
- \$ 25,000.00 Ohio Lions Eye Foundation, Columbus, Ohio: \$4,110.00 for Ohio Lions (Dr. Schmidt); \$3,845.00 for Ohio Lions (Dr. Good); \$3,510.00 for Lions Research (Dr. Jones); \$3,510.00 for Ohio Lions (Dr. Hill); \$3,305.00 for Ohio Lions (Dr. Kingsmith); \$2,780.00 for Ohio Lions (Dr. Daum); \$2,290.00 for Lions-1977 (Dr. Schoessler); and \$1,650.00 for Ohio Lions Research (Dr. Fry).
- \$ 21,973.00 Laborer's District Council, Columbus, Ohio, for Peter Fosco/Laborer's District Council of Ohio.
- \$ 20,111.00 Sterling-Winthrop Research Fund, Rensselaer, New York, for Cardiovascular Pharmacology Fund.
- \$ 18,556.50 Helen Crane, Columbus, Ohio, for OSU Ophthalmology Center Fund.

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- | | |
|--------------|--|
| \$ 15,000.00 | American Electric Power Company, Columbus, Ohio, for Lamme Power System Laboratory. |
| \$ 15,000.00 | University Otolaryngologists, Inc., Columbus, Ohio, for Otology Development Fund. |
| \$ 14,633.77 | University Eye Surgeons, Inc., Columbus, Ohio: \$14,543.77 for Eye Bank Fund and \$90.00 for Ophthalmology Photography Fund. |
| \$ 13,700.00 | F. C. Gloeckner Fund, New York, New York: \$8,500.00 for Ohio Florist Association Special Fund and \$5,200.00 for Horticulture Support Fund. |
| \$ 13,500.00 | American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund. |
| \$ 12,200.00 | National Steel Corporation, Pittsburgh, Pennsylvania, for National Steel Fellowship in Metallurgical Engineering. |
| \$ 10,000.00 | Governor J. A. Rhodes Golf Classic, Dublin, Ohio, for Billy Amicon Memorial Fund. |
| \$ 9,300.00 | Gynecic Research/Education, Columbus, Ohio, for Department of Pathology Educational and Research Discretionary Fund. |
| \$ 8,333.00 | H. J. Heinz Company Foundation, Pittsburgh, Pennsylvania, for Professorship in Plant Protection. |
| \$ 8,212.00 | Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program. |
| \$ 6,750.00 | Farmland Industries, Inc., Kansas City, Missouri, for Special NC-151 Fund. |
| \$ 6,000.00 | Schottenstein Company, Columbus, Ohio, for Graduate School Minority Recruiting Program Fund. |
| \$ 5,500.00 | Milk Marketing, Columbus, Ohio, for Endowed Program Fund in Cooperative Business Management. |

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 5,185.72 George Johnson, Rochester, New York, for OSU National Merit Scholarship Fund.
- \$ 5,100.00 Exxon Education Foundation, New York, New York: \$3,000.00 for Law Discretionary Fund; \$1,500.00 for Humanities Support Fund; \$375.00 undesignated; \$150.00 for Friends of WOSU; and \$75.00 for Math and Physical Science Support Fund.
- \$ 5,000.00 Duriron Company, Inc., Dayton, Ohio, for Duriron Company Metallurgical Engineering Scholarship Fund.

Gift-in-Kind

- \$ 12,153.00 Frank Bowling, Circleville, Ohio: Tractor equipped with spray equipment.

Establishment of Named Funds

The John J. Gerlach Professorship Fund

The John J. Gerlach Professorship Fund was established December 9, 1982, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of John J. Gerlach, B.S.Bus. Adm. '23, M.A. '23.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for the work of a distinguished teacher and scholar of accounting in the College of Administrative Science. Appointment to the Gerlach Professorship will be recommended by the Dean of the College of Administrative Science to the Vice President for Academic Affairs and Provost of the University and approved by the Board of Trustees.

Should the need for this fund cease to exist or so diminish as to provide insufficient funds to continue the endowed professorship, then the income is to be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then responsible for curricula in the College of Administrative Science.

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Wayne G. English Scholarship Fund

The Wayne G. English Scholarship Fund was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Wayne G. English, B.S.Bus.Adm. '43, of Washington, D. C.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students in the College of Administrative Science who have demonstrated academic merit and need for financial assistance. Other factors being equal, preference in award of scholarships should be given to students in accounting or finance.

The selection of the recipient is to be made upon recommendation of the College of Administrative Science Scholarship Committee, in cooperation with the Dean of the College of Administrative Science.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for management education.

The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund

The Martha G. and Milton Staub Chair for Research in Ophthalmology Fund was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Martha G. and Milton Staub, B.A. '29, of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for the work of a distinguished researcher in ophthalmology. Appointment to the Martha G. and Milton Staub Chair for Research in Ophthalmology will be recommended by the Chairman of the Department of Ophthalmology and approved by the Dean of the College of Medicine, the Provost, and the Board of Trustees.

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Ralph L. Bazler Memorial Scholarship

The Ralph L. Bazler Memorial Scholarship was established December 9, 1982, by the Board of Trustees of The Ohio State University with gifts from family and friends to The Ohio State University in memory of Ralph L. Bazler.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship for a student who best exemplifies academic excellence and potential contribution to the agricultural industry. First preference will be given to a junior and then a sophomore member of Beta Chapter, Alpha Gamma Rho Fraternity, who is enrolled in one of the four-year curricula administered by the College of Agriculture and Home Economics. Selection of the recipient will be made by the University Scholarship Committee on Student Financial Aids upon the recommendation of a selection committee appointed by the Dean of the College of Agriculture and Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever in the College of Agriculture and Home Economics as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

Jacob E. Davis Professorship in Law Fund

WHEREAS the Board of Trustees on January 14, 1965, approved a set of guidelines for the establishment of "Named Professorships," which was subsequently modified March 3, 1972, and renamed "Endowed Professorships" and was modified further on May 5, 1978; and

WHEREAS Jacob E. Davis II wishes to establish an Endowed Professorship in the College of Law to honor his father Jacob E. Davis, a graduate and former Trustee of this University; and

WHEREAS gifts have been received by the University for this purpose and future gifts are anticipated; and

WHEREAS in 1977 Jacob E. Davis II established a life insurance policy with the University named as owner and beneficiary with the purpose of funding the professorship; and

WHEREAS the minimum sum needed to establish an Endowed Professorship in 1977 was \$150,000; and

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Jacob E. Davis Professorship in Law Fund (contd)

WHEREAS all gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates; and

WHEREAS at such time as the fund reaches a total of \$150,000, the annual income shall be used to provide support for the work of a distinguished scholar and teacher in the College of Law with appointment to the Jacob E. Davis Professorship to be recommended to the Provost by the Dean of the College of Law, for approval by the Board of Trustees; and

WHEREAS there will be a period until this fund reaches the \$150,000 level necessary to endow the professorship, the income from the fund will, until that time, be added to the principal of the fund; and

WHEREAS should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the College of Law:

NOW THEREFORE

BE IT RESOLVED, That the "Jacob E. Davis Professorship in Law Fund" be established in accordance with the wishes of the donors.

The Harrison Faculty Award for Excellence in Engineering Education

The Harrison Faculty Award for Excellence in Engineering Education was established December 9, 1982, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University from Doris A. and Stanley E. Harrison, B.E.E. '58.

The award will be made to an individual who is in the early or mid-part of his or her career, who is a faculty member in engineering or architecture of the College of Engineering, and who has distinguished himself or herself through a contribution to the College of Engineering or society, as described below. The award will be based on excellence in teaching and the qualitative aspects of teaching; exceptional fundamental or applied research (either in scope or originality) in one or more areas of endeavor ordinarily carried out in the College of Engineering; or a single or unique contribution to engineering or architectural concepts, which is responsive to or has an impact on society as a whole. As a general rule, the award will be made to an individual (except under unique circumstances in any year that suggest a team should receive the award).

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harrison Faculty Award for Excellence in Engineering Education (contd)

All income earned through the investment of specific fund monies, including all contributions thereto, will be accumulated and credited to the fund principal until such time as one-half of the accumulated income of the fund will support an award of at least \$2,000, plus associated expenses for an appropriate plaque or certificate to accompany the award. Upon such times as one-half of the accumulated income of the fund equals \$2,000 or more (plus expenses), but no more often than annually, the award will be made of an amount equal to one-half of such income, with the other one-half accumulated and credited to the fund principal. All gifts of the fund shall be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as may be deemed appropriate.

Nominations for the award will be made by faculty members of the College of Engineering, and the final selection of the recipient of the award will be made by a committee consisting of the Dean of the College of Engineering, one or more senior representatives from the faculty of the College of Engineering, a representative from the private sector whose business involves engineering, and one undergraduate member of the College of Engineering student body.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

Change of Name and Description of Named Fund

American Playwrights Theatre Scholarship in Playwriting

The American Playwrights Theatre Scholarship in Playwriting was established December 9, 1982, with a gift to The Ohio State University Development Fund from American Playwrights Theatre, Inc.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students who have demonstrated exceptional talent and ability in dramatic writing. The selection of the recipient is to be made upon the recommendation of the Chairman of the Department of Theatre and the Dean of the College of the Arts.

December 9, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change of Name and Description of Named Fund (contd)

American Playwrights Theatre Scholarship in Playwriting (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for theatre education and training.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS**

REGENTS ENERGY MODIFICATION PROGRAM, PHASE V

Resolution No. 83-66

Synopsis: Authorization to employ an architectural/engineering firm and request construction bids for Phase V of the Regents Energy Modification Program is proposed.

WHEREAS the Regents Energy Modification Program, Phase V, will provide needed energy modifications to Dreese Laboratory, the Health Sciences Library, Hitchcock Hall, the Hospitals Clinic, and the Veterinary Hospital, which modifications include heat recovery from exhaust air, replacement of a gas-fired absorption chiller with a high-efficiency electric-drive chiller, temperature controls, and other improvements to increase the efficiency of energy use; and

WHEREAS the cost of these projects will total \$492,450, with \$377,560 being provided from the Ohio Board of Regents, \$20,500 being provided from Federal funds, and \$94,390 being provided from University funds; and

WHEREAS the average payback for all projects is 3.4 years, with an effective payback for the University's share of .65 years:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select a qualified architectural/engineering firm for this project from the lists of firms requested from and provided by the Department of Administrative Services, and that the fee for these architectural/engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

December 9, 1982 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS (contd)**

REGENTS ENERGY MODIFICATION PROGRAM, PHASE V (contd)

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contract, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-67

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

**POULTRY ADMINISTRATION BUILDING
PERCHLORIC ACID FUME HOOD**

Project: Remove existing hazardous perchloric fume hood and exhaust and replace with new hood and safe exhaust system.

Funding: Budget Account 210134 (New Program Funds No. 3071)

Estimated Project Cost: \$69,000.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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December 9, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-68

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**ELECTRICAL DISTRIBUTION IMPROVEMENTS, PROJECT A (SUBSTATION B)
ELECTRICAL DISTRIBUTION IMPROVEMENTS, PROJECT B (RESEARCH CENTER)**

Description: Substation B - Install new 5KV switchgear to replace the obsolete equipment which is no longer adequate.

Research Center - Extend the main campus 15KV electrical distribution system to the Research Center buildings to improve the electrical service and reduce energy costs.

Electrical Contract

Date Received:	November 3, 1982
No. of Bids:	11
Low Bid:	\$346,030.00*
High Bid:	\$607,966.00*
Estimate of Cost:	\$608,200.00*
Awarded to:	Jess Howard Electric Co., Blacklick, Ohio
Total Contract:	\$346,030.00*
Total Contingency Allowance:	\$ 24,255.23 which is 7 per cent of contract
Total Project Cost:	\$375,000.00*
Funding:	H.B. 552, Line Item 315-172

* Recommended alternates reflected in these figures.

December 9, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**LABORATORY ANIMAL CENTER - MODIFICATIONS TO
CHILLED WATER SYSTEMS BUILDINGS NOS. 2 AND 3**

Description: Replace present gas-fired absorption chillers with more energy efficient systems. Present chillers are high energy users, have high maintenance, and most repair parts are no longer available.

Mechanical Contract

Date Received:	October 19, 1982
No. of Bids:	7
Low Bid:	\$ 62,215.00*
High Bid:	\$ 70,450.00*
Estimate of Cost:	\$ 78,200.00*
Awarded to:	Radico, Inc., Columbus, Ohio

Electrical Contract

Date Received:	October 19, 1982
No. of Bids:	8
Low Bid:	\$ 9,742.00*
High Bid:	\$ 13,065.00*
Estimate of Cost:	\$ 15,800.00*
Awarded to:	Frush & Homan, Inc., Columbus, Ohio

Total All Contracts: \$ 71,957.00*

Total Contingency Allowance: \$ 5,337.36 which is 7 per cent of contract

Total Project Cost: \$ 80,000.00*

Funding: Local Budget Account 210134

* Recommended alternates reflected in these figures.

December 9, 1982 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**THE OHIO STATE UNIVERSITY HOSPITALS SELF-INSURANCE AND
INDEMNIFICATION PROGRAM**

Resolution No. 83-69

Synopsis: Purchase of \$50,000,000/\$50,000,000 Excess Comprehensive General Liability and Hospital Professional Liability Insurance is recommended.

WHEREAS the Board of Trustees on December 15, 1976 authorized the establishment of a self-insured hospital professional liability program, including an indemnification and hold-harmless agreement for those hospital personnel formerly insured by the Ohio Medical Professional Liability Underwriting Association's policies; and

WHEREAS the current limits of the self-insured program are \$4,000,000 per occurrence and \$6,000,000 annual aggregate, and the Self-Insurance and Indemnification Committee has annually reviewed these limits and considered the feasibility of purchasing excess liability insurance; and

WHEREAS in March, 1982, the committee's actuary, The Wyatt Company, again suggested the possibility of increasing the liability limits of the program by purchasing commercial excess liability insurance; and

WHEREAS proposals for such coverage were solicited and were received from eight prospective carriers, the lowest and best of these being presented to the University Hospitals Board and its Finance Committee; and

WHEREAS on October 26, 1982 the University Hospitals Board supported the purchase of \$50,000,000 per occurrence and \$50,000,000 annual aggregate excess commercial comprehensive general and professional liability insurance; and

WHEREAS the members of The Ohio State University Hospitals Self-Insurance and Indemnification Committee unanimously recommended the purchase of \$50,000,000/\$50,000,000 excess liability insurance at an annual premium of \$111,250, with the premium to be paid from the self-insurance fund:

December 9, 1982 meeting, Board of Trustees

**THE OHIO STATE UNIVERSITY HOSPITALS SELF-INSURANCE AND
INDEMNIFICATION PROGRAM (contd)**

NOW THEREFORE

BE IT RESOLVED, That \$50,000,000/\$50,000,000 of excess liability insurance be purchased effective December 9, 1982 and that the \$111,250 premium be funded from the self-insurance fund held by BancOhio National Bank as trustee; and

BE IT FURTHER RESOLVED, That said coverage shall continue in effect until changed by further action of this Board.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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AFFIRMATIVE ACTION - PRESIDENT EDWARD H. JENNINGS

President Jennings made the following statement:

Part of the essential mission of a university is to ensure that all the talent available to society is developed to its full potential. In my experience, I have found that it is not at all unusual to find the most talented and qualified students, faculty, staff, and administrators among the ranks of women, minorities, and other groups that have been excluded from full participation in society in the past. It is my goal, and it is the commitment of The Ohio State University, to promote the principles of equal opportunity and affirmative action as an integral component of every aspect of this institution.

Unfortunately, equal opportunity and affirmative action are too often viewed as merely obligations of law and regulation. There is more than the force of law behind Ohio State's commitment. This is a question of right and wrong, and our commitment is based on the ethical and moral obligation of a university in society to take a leadership role in advancing these principles.

Specifically, it is our policy at Ohio State, both traditionally and currently, that discrimination against any individual for reasons of race, color, creed, religion, national origin, sex, age, handicap, or Vietnam-era veteran status is prohibited. We will continue to actively promote equal opportunity in admissions, educational programs, employment, and all University activities through a positive and forceful affirmative action program.

Although laws and regulations (such as Title IX of the Education Amendments of 1972 prohibiting sex discrimination, Section 504 of the Rehabilitation Act of 1973 prohibiting discrimination on the basis of handicap, Title VI and Title VII of the Civil Rights Act of 1964, and Executive Order 11246, as amended), exist to allow enforcement of such principles, I want to re-emphasize that every individual and especially every manager at Ohio State is obliged to act not only in

December 9, 1982 meeting, Board of Trustees

AFFIRMATIVE ACTION (contd)

President Jennings' statement (contd):

accordance with federal law, but also in accordance with the positive spirit of this University's stated goals. Thus, employment decisions, including recruitment, hiring, transfers, layoffs, promotions, and evaluations of managers' and supervisors' success, must be designed to promote the principles of equal opportunity.

We must openly recognize that past practices may not have provided full opportunities for all individuals to compete equally. Traditional criteria on which judgments have been made have often failed to measure adequately the potential of persons who have not been the beneficiaries of all society's privileges and opportunities.

While our commitment flows from the top and the Office of Affirmative Action is designated as an arm of the Office of the President, the daily responsibility for carrying out this obligation rests with every faculty member and administrator, every supervisor and manager, and every employee of Ohio State. Affirmative action in employment is sound management. It makes full use of all our resources. In a university, more than any other of society's institutions, diversity must be valued, appreciated, and encouraged to flourish.

Affirmative action in our educational programs is equally important, especially in regard to the role higher education plays in providing individuals with the opportunities to compete on an equal footing in the future, and in developing all of society's human resources to the fullest extent possible.

It is my belief, as was pointed out in the report of the Commission on Women and Minorities, that awareness and articulation of this commitment is one positive step that we can take as an institution toward achieving our goals. More than voicing our concern, however, we must take action to achieve our goals.

I place the full power of the presidency of this institution behind our continuing commitment to affirmative action. The Ohio State University will move forward under these principles because it is our inherent obligation to do all we can to seek the real goal of equal opportunity for all people.

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HOLIDAY BOWL TRIP - PRESIDENT EDWARD H. JENNINGS

President Jennings made the following statement:

I would like to also make a comment, Mr. Chairman. As you know, Ohio State has been offered the privilege of our football team being invited to San Diego to take part in the Holiday Bowl, and I think it is very important to recognize that representation of the University is expected and, of course, appropriate whenever

December 9, 1982 meeting, Board of Trustees

HOLIDAY BOWL TRIP (contd)

President Jennings' statement (contd):

and wherever the football team plays a game. In that regard the Holiday Bowl trip is a business trip like any other, and operates consistent with our standard policies on business travel. Of course a primary advantage of the trip is maintaining and enhancing contacts with our alumni. We have more than 8,000 alumni in the southern California area, and I would estimate the Holiday Bowl will be the largest alumni meeting of the entire year, perhaps of the entire decade.

The funds to pay for the official representatives come both from the Bowl receipts and from unrestricted gifts to the University. This is in many ways a fund-raising activity for Ohio State's representatives, both in developing goodwill and in generating immediate donations and long-term potential to benefit the continued academic excellence of The Ohio State University.

I might add that we are also very proud to have a football team that generates such desirable invitations and makes these opportunities possible for The Ohio State University and for the State of Ohio.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-70

RESOLVED, That the report on the University's Investment Portfolio, dated November 19, 1982, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, February 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J. Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Edmund C. Redman, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

February 4, 1983 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 11:45 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

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The meeting of the Board of Trustees reconvened at 1:30 p.m.

Mr. Smith presented the following resolution:

**EXPRESSION OF APPRECIATION TO WILLIAM J. NAPIER,
SPECIAL ASSISTANT TO THE PRESIDENT FOR STATE RELATIONS**

Resolution No. 83-71

WHEREAS Dr. William J. Napier has served the University in several major positions during the past five and a half years; and

WHEREAS in these positions, Bill Napier has served under two presidents of the University and one vice president; and

WHEREAS a key responsibility performed by Bill for the past several years has been to represent the interests, concerns and needs of The Ohio State University in the Ohio Legislature and executive offices of the state; and

WHEREAS in so doing, he has demonstrated a special understanding of, affection for, and long-term commitment to this University as well as higher education in general; and

WHEREAS Dr. Napier has been invited to join the administration of incoming governor Richard Celeste as Assistant Director of the Department of Natural Resources; and

WHEREAS he has requested a leave of absence from his University responsibilities in order to take advantage of that special opportunity; and

WHEREAS The Ohio State University and its faculty, staff, students and public constituencies are deeply indebted to Bill Napier and only reluctantly accept his request for leave:

NOW THEREFORE

BE IT RESOLVED, That William J. Napier be recognized, thanked and praised for his able and faithful service to The Ohio State University; and

BE IT FURTHER RESOLVED, That this Board and President Jennings wish Bill every success in this undertaking, knowing that his achievements will be numerous; and we sincerely hope that he will choose to return to Ohio State upon completion of the leave of absence and any extensions which may be granted.

Upon motion of Mr. Smith, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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February 4, 1983 meeting, Board of Trustees

Mr. Berry presented the following resolution:

EXPRESSION OF APPRECIATION TO WILLIAM R. NESTER

Resolution No. 83-72

WHEREAS Dr. William R. Nester joined The Ohio State University in August, 1978 as Vice President for Student Services and Professor in the Academic Faculty of Special Services; and

WHEREAS the Office of Student Services has benefited since that time from Dr. Nester's capable and exemplary leadership in the discharge of its duties and responsibilities, which include among other diverse elements the Athletic Department, the University Health Service and the Office of Disability Services; and

WHEREAS Dr. Nester has received the distinct honor of being selected to become the eighth President of Kearney State College in Kearney, Nebraska, on or about March 1, 1983:

NOW THEREFORE

BE IT RESOLVED, That the thanks, recognition and deep appreciation of this Board and the University administration be expressed to Dr. Nester for his outstanding contribution to The Ohio State University during the last four and a half years; and

BE IT FURTHER RESOLVED, That this Board offers to Dr. Nester and his family its sincere congratulations and best wishes for every success as he prepares to undertake his new responsibilities in the Kearney State presidency.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

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Mrs. Bowser presented the following resolution:

TRIBUTE TO JOHN M. STACKHOUSE

Resolution No. 83-73

WHEREAS John M. Stackhouse, Director of the Ohio Department of Agriculture, has served with honor and distinction as a member of the Ohio Agricultural Research and Development Center Board of Control for over 15 years, including Co-Chairman of the Agricultural Affairs Committee, The Ohio State University Board of Trustees, since March 1982; and

WHEREAS John M. Stackhouse has devoted many years of dedicated service to Ohio agriculture, the Ohio Agricultural Research and Development Center and The Ohio State University; and

WHEREAS The Ohio State University Board of Trustees wishes to express its deep appreciation to John M. Stackhouse on this occasion following the completion of his service on the Board of Control:

February 4, 1983 meeting, Board of Trustees

TRIBUTE TO JOHN M. STACKHOUSE (contd)

NOW THEREFORE

BE IT RESOLVED, That The Ohio State University Board of Trustees hereby requests the College of Agriculture and Home Economics to prepare an appropriate plaque denoting appreciation to John M. Stackhouse for his many years of outstanding leadership, service and dedication to The Ohio State University and the Ohio Agricultural Research and Development Center, and that this plaque be displayed in a prominent location at the Ohio Agricultural Research and Development Center.

Upon motion of Mrs. Bowser, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

Mr. Stackhouse:

Thank you very much. I appreciate this more than words can express. Let me say that it was a lot of fun working with the folks at the University and with the folks in Agriculture. Thank you again.

In Appreciation
~to~
John M. Stackhouse
for outstanding leadership, service and dedication
to
the Ohio Agricultural Research and Development Center
and
The Ohio State University
as a member of
the Board of Control of the Ohio Agricultural Research
and Development Center
1963-1972 and 1975-1982
and as
Director of the Ohio Department of Agriculture
1963-1972 and 1975-1983



Warren J. Smith
SEAL OF THE BOARD OF TRUSTEES
THE OHIO STATE UNIVERSITY

February 4, 1983

--O--

February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE

President Jennings:

Thank you, Mr. Chairman. I'd like to now call on Mr. Weldon Ihrig to introduce some folks who will present to you the final touch, the final exciting touch, to the Jesse Owens Plaza that was recently completed at the north end of the Ohio Stadium. Weldon--

Mr. Ihrig:

Thank you, Mr. President. Before we proceed with the opportunity this afternoon to unveil what we think is a very special piece of art work and a special memorial to Jesse Owens to be added to this campus, I would like to express my special appreciation to many, to two key people who really helped us on this project outside the University itself. First of all, Mrs. Jesse Owens, who has been extremely helpful on this project and has been so gracious to welcome us into her home in Phoenix, and provide direct assistance, and it's been a special pleasure for me to have the opportunity to meet her and get to know her as a result of this project. Secondly, the several people, beyond the immediate University family that have assisted us, such as Chuck McMurray, who is an alumni of Ohio State and has really helped us very much in having this project work. And one final word before I turn this over to Bill Griffith, who is Assistant Vice President for Facilities Planning on campus and he and Robert Stull, who is Associate Dean of the College of the Arts, who has done fantastic work on this whole effort. But, this type of project goes beyond just the work at Ohio State, and it has reminded me, even though all the years that I've been here, of the total diversity and the quality of this institution, especially in the people that make it all happen, and it's this type of project that makes everything a real joy. And, as you can tell, I think, from my remarks, the enthusiasm may be contagious, so beware on this. I would like to introduce Bill Griffith and Robert Stull at this time to proceed.

Dr. Griffith:

Thank you, Mr. Ihrig. Mr. Chairman, members of the Board, and Mr. President, I'd like first to introduce to you and acknowledge two other members of our faculty who have been very much involved in the project and indeed without whose help it really would not have progressed as it has. These two gentlemen, along with Professor Stull formed the committee that worked on the project and actually formed the selection committee which chose the sculpture, which is to be revealed in a few moments here. I'd like to introduce them, they are Professor David Black and Professor Eugene Friley, along with Professor Stull. All three of these gentlemen are Professors in the Department of Art, all three are sculptors, themselves. We also have with us today the sculptor of the piece that we are presenting and he will be introduced a bit later. I must say on a personal note that I am deeply indebted to these three gentlemen; they have been my counselors and hand holders throughout this process.

February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE (contd)

Dr. Griffith (contd):

The committee went through what we believe to be a very careful process in making the selection. We considered at the outset more than thirty sculptors of national and even international repute, and went through a very careful screening process and as a result of that chose three sculptors whom we invited to enter a design competition--a paid competition, they were paid a nominal amount to cover expenses and travel and that sort of thing. Each of those three gentlemen visited the campus; talked with the selection committee at length; visited the site, of course, where the sculpture is to be located; talked with other people on the campus. They also had the opportunity when they were here to go to the University Archives and review the extensive collection on Mr. Owens and were given copies of any materials that they wished from that collection. We provided each of them, of course, extensive information about Mr. Owens and his accomplishments and also provided each of them with a statement of written requirements and specifications for the sculpture project. Each of them then submitted, for consideration by the committee, a model of a sculpture proposal. The committee spent a good many hours deliberating on those over three different sessions. The result was a unanimous selection by the committee of the sculpture submitted by Mr. Curtis R. Patterson of Atlanta. And, as I said, Mr. Patterson is here and will be introduced shortly.

I have to add one other thing in my introductory remarks. The highlight of this whole process to me, and I think to the others who were involved, occurred last week when Weldon Ihrig and Professor Stull and I, along with the sculptor, Mr. Patterson, journeyed to Phoenix to present the model of the sculpture to Mrs. Owens. We were very warmly and graciously received by her and very happy that she was very, very enthusiastic about that sculpture. She said many things about it, but I think the one word that stuck in my memory, she described it as "magnificent," and that was a very happy occasion for all of us.

I would like now to ask Professor Stull to do the presentation of the sculpture to you, and he will then also introduce the sculptor, Mr. Patterson.

Professor Stull:

Chairman Smith, Board of Trustees, Dr. Jennings, this is a real pleasure. This has been a time of 18 months or so, this has been the most exciting project that I have worked on in my professional career. I hope that my words don't leave me at this point. This is a schematic of a plaza as it exists with the Woody Hayes Memorial Drive on this side, the stadium rotunda here, the confluence of an east/west pedestrian way at the center of the plaza, and this is the location of the sculpture. The height of this room is approximately nine feet; the height of the sculpture itself is twelve feet. The sculpture will be constructed of bronze plate, reinforced internally with steel. It will have approximately the same appearance that it has as you see it now. The interior surfaces of the sculpture will have quotations and

February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE (contd)

Professor Stull (contd):

records set by Mr. Owens in the course of his life, not only as an athlete, but as a world class humanitarian, which will be selected by Mrs. Owens. Additional quotations will be suggested by the University and by friends of Mr. Owens which will then be approved by Mrs. Owens before being placed on the surface.

I would like to talk about the symbolism of the sculpture. This is Woody Hayes Drive here. This element which will be at the same scale as the sculpture itself, will be placed near the street at the entry of the plaza and will bear simply the inscription "Jesse Owens Memorial Plaza." This symbol represents a stylized hurdle. Now I'll move this section out so that you can take a look at it. This symbol represents the struggle that the man reached or went through to attain the heights that he attained both as an athlete and as a humanitarian in his later years.

The symbolism of the four elements of the sculpture represent primarily two single events in his life: the winning of four gold medals represented by these four points; also the fact that in one afternoon at a sister university up north he set four world records, in one afternoon. Having the bronze depicted as bronze rather than permitting it to oxidize, keeps its gold color and also then keeps it in conformity with the notion of the gold medals and the preciousness of his contribution to our society. The circular diameter of the actual piece, not the table it is sitting on, is approximately thirty-five feet, which leaves more than adequate space for people to move through during high traffic areas. The distance between each of these elements is five feet, so this is a very personal experience when people move in. We were very much concerned that the piece be something that would relate to the contexts in which it was placed, that it be an adequate memorial to Mr. Owens, and that it be an outstanding work of art in its own right. The inscriptions as they are placed by the sculptor--the placement will be determined by the sculptor, and some of the quotations that relate directly to youth will be low, at a height at which they can easily read them, and then moving higher.

I would like to now introduce the sculptor, Mr. Curtis Patterson of Atlanta, Georgia. Curtis, come on up. There are photographs here which were done which shows exactly what the sculpture will look like when it's in place and I will leave these at the head of the table. Thank you very much.

Mr. Patterson:

Thank you for inviting me to participate in this activity. At this point I am really very happy that I am a visual artist, because I am all but lost for words to express my gratitude for being able to participate and finally to receive the commission to do the memorial for Jesse Owens. There is no point, I think, in being redundant in saying how significant Mr. Owens' contributions, and then I am sure all of you are aware of that. I just want to say that this whole experience has just been a really wonderful and very fulfilling involvement for me, and I am very eager to purchase materials and begin working and hopefully sometime in the early fall deliver a piece of sculpture to Ohio State. Thank you very much.

February 4, 1983 meeting, Board of Trustees

PRESENTATION - JESSE OWENS PLAZA SCULPTURE (contd)

President Jennings:

It is exciting; it's kind of hard to go on with the rest. That, I think, will make a wonderful tribute to Mr. Owens, but also a magnificent addition to the campus. I think all involved need to be complimented greatly, particularly to the faculty, Mr. Patterson, Weldon, Bob, Bill, we thank you all very, very much. I am sure that that will be a proud and major addition to this campus that we will all be able to be very proud of for many, many years in the future. They assure us, incidentally, that the maintenance will not be too expensive on this and that it can get done.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-74

Synopsis: Amendments to rules 3335-5-59 and 3335-5-591 are presented for adoption.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on January 15, 1983, as follows:

Amended Rules

3335-5-59 Faculty compensation and benefits committee.

(A) Membership:

The committee shall consist of:

- (1) Twelve elected faculty members, at least two of whom also shall be members of the senate, to serve a three-year term with four to be elected each year;
- (2) The vice president for academic affairs and provost, or designee, ex officio;
- (3) The vice president for personnel services, or designee, ex officio; and
- (4) Additional ex officio, non-voting members and consultants from the university, at the discretion of the committee.

February 4, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-591 Legislative affairs committee.

(B) The legislative affairs committee shall:

- (1) Inform itself on legislative affairs, current or contemplated, that affect higher education in general and the Ohio state university in particular, and to make this information available to the university senate;
- (2) Inform itself, through the senate and otherwise, on student and faculty concerns with respect to such legislative affairs, and to present those concerns to appropriate university officials;
- (3) Serve as an advisory committee on legislative affairs to the president and staff assistants responsible for legislative relations.

NOW THEREFORE

BE IT RESOLVED, That the amendments to the *Rules of the University Faculty* be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 83-75

Synopsis: Approval is requested for awarding honorary degrees to three individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Benjamin S. Bloom	Doctor of Humane Letters
Ralph Landau	Doctor of Science
Frank Press	Doctor of Science

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Galbreath, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous voice vote.

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February 4, 1983 meeting, Board of Trustees

**BYLAWS OF THE MEDICAL STAFF
THE OHIO STATE UNIVERSITY HOSPITALS**

Resolution No. 83-76

Synopsis: Adoption of Bylaws of the Medical Staff of The Ohio State University Hospitals is proposed.

WHEREAS this Board established The Ohio State University Hospitals on September 13, 1963; and

WHEREAS a University Hospitals Board was created on November 30, 1979 by this Board by amendment of Rule 3335-1-03 of the Administrative Code; and

WHEREAS in Chapters 3335-93-01 to 3335-93-03 of the Administrative Code the Hospitals Board has stipulated that the medical staff of The Ohio State University Hospitals be delegated the responsibility of preparing and recommending adoption of bylaws pertaining to the practice of medicine within the University Hospitals; and

WHEREAS bylaws have been developed in accordance with the requirements of the Administrative Code and these bylaws have been adopted appropriately by the Medical Staff Administrative Committee and by the University Hospitals Board on August 24, 1982 and are hereby recommended for final approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the *Bylaws of the Medical Staff of The Ohio State University Hospitals* be adopted effective this date as the administrative rules governing the practice of medicine at The Ohio State University Hospitals; and

BE IT FURTHER RESOLVED, That the bylaws hereby adopted shall replace any previous bylaws, rules and regulations of The Ohio State University Hospitals and that they be forwarded to the appropriate state agencies for inclusion as a part of the Administrative Code.

Upon motion of Mr. Galbreath, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-77

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Chairmen of Departments and Academic Faculty; Tenure; Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; and Emeritus Titles are recommended for approval.

February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the December 9, 1982 meeting of the Board, including the following Appointments; Appointment of Chairmen of Departments and Academic Faculty; Tenure; Leaves of Absence Without Salary; Leave of Absence Without Salary--Change of Date; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: DIETHER H. HAENICKE
Titles: Vice President for Academic Affairs and Provost and Professor, Department of German
Office: Academic Affairs
Effective: Immediately
Salary: \$79,920.00
Present Positions: Acting Vice President for Academic Affairs and Provost, Dean of the College of Humanities, and Professor, Department of German

Name: A. MAX LENNON
Titles: Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources, and Professor, Department of Animal Science
Office: Agricultural Administration
Salary: \$79,080.00
Effective: On or before July 1, 1983
Present Position: Dean, College of Agriculture and Director, Agricultural Experiment Station, University of Missouri-Columbia

Appointment of Chairmen of Departments and Academic Faculty

January 1, 1983 through December 31, 1986

Physiological Chemistry Gerald P. Brierley

January 1, 1983 through June 30, 1987

Veterinary Clinical Sciences William Wallace Muir III

October 1, 1982 through September 30, 1983

Labor and Human Resources *Robert C. Miljus

January 1, 1983 through June 30, 1983

Mechanical Engineering *Charles D. Jones

March 1, 1983 through June 30, 1983

Computer and Information Science *Stuart H. Zweben

* Acting Chairman

February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Tenure

Name: HAROLD G. PRYOR
Title: Assistant Professor
College: Dentistry
Effective: February 4, 1983

Leaves of Absence Without Salary

WILLIAM J. NAPIER, Special Assistant to the President (State Relations), Office of the President, effective January 11, 1983 through January 9, 1984, to assume the position of Assistant Director of the Department of Natural Resources of the State of Ohio.

IVAN BOH, Professor, Department of Philosophy, effective January 1, 1983 through March 31, 1983, to conduct research in libraries in Ljubljana and other parts of Yugoslavia on the subject of medieval philosophy.

IRMA M. COOPER, Professor, School of Music, effective January 1, 1983 through March 31, 1983, for personal reasons.

FREDERICK J. HITZHUSEN, Professor, Department of Agricultural Economics and Rural Sociology, effective January 1, 1983 through June 30, 1983, to work at the University of Hawaii.

TIMOTHY LIGHT, Professor, Department of East Asian Languages and Literatures, effective October 1, 1983 through March 31, 1984, to accept an invitation from Beijing Language Institute and to travel and lecture at different institutions in the People's Republic of China.

ELEANOR M. DANIEL, Assistant Professor, University Libraries, effective January 3, 1983 through February 28, 1983, for medical reasons.

CONLY L. HANSEN, Assistant Professor, Department of Agricultural Engineering, effective January 1, 1983 through March 31, 1983, for personal reasons.

MARIE-CLAIRE VALLOIS, Assistant Professor, Department of Romance Languages and Literatures, effective February 1, 1983 through March 17, 1983, for personal reasons.

STEPHEN A. HILL, Instructor, Department of Surgery, effective November 18, 1982 through June 30, 1983, for medical reasons.

CATHERINE RUSK HOWARD, Instructor, Cooperative Extension Service, effective February 3, 1983 through March 2, 1983, for medical reasons.

Leave of Absence Without Salary--Change of Date

JILL C. D. S. YAQUB, Professor, Department of Mathematics, change date of leave granted June 10, 1982 from January 1, 1983 through June 30, 1983 to April 1, 1983 through September 30, 1983.

February 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

EDWARD F. DONOVAN, Department of Veterinary Clinical Sciences, with the title Professor Emeritus, effective February 1, 1983.

SAMUEL G. HUBER, Department of Agricultural Engineering, with the title Professor Emeritus, effective February 1, 1983.

E. IVOR JONES, Cooperative Extension Service, with the title Professor Emeritus, effective February 1, 1983.

THOMAS M. LUDWICK, Department of Dairy Science, with the title Professor Emeritus, effective January 8, 1983.

OLIN W. MINTZER, Department of Civil Engineering, with the title Professor Emeritus, effective November 1, 1982.

TED SUIE, Department of Ophthalmology, with the title Professor Emeritus, effective February 1, 1983.

GEORGE F. WADLINGTON, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1982.

FRANCIS R. CALDERWOOD, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1983.

CALVIN M. LEIMBACH, Cooperative Extension Service, with the title Associate Professor Emeritus, effective February 1, 1983.

GILBERT W. WOODBURN, Cooperative Extension Service, with the title Associate Professor Emeritus, effective January 1, 1983.

PAUL L. GERSTNER, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective April 1, 1982.

BARBEE WILLIAM DURHAM, Office of Business and Finance - Stores, with the title Supervisor Emeritus of the Reagent Lab, effective February 4, 1983.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous roll call vote.

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February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM

Resolution No. 83-78

Synopsis: Resolutions honoring the service of six of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Berry, seconded by Mr. Immke, the foregoing resolution was adopted by unanimous voice vote.

Edith L. Berry

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 4, 1982, of Edith Berry, Professor Emeritus in the Cooperative Extension Service.

Miss Berry was born May 30, 1894, in Frederic, Iowa. She received her A.B degree from Iowa State Teacher's College, Cedar Falls, Iowa, in 1926. She was appointed Home Demonstration Agent in Fairfield County on February 1, 1930. On July 1, 1936, she was appointed as a Clothing Specialist and held this position until her retirement on June 30, 1957.

On behalf of the University community, the Board of Trustees expresses to the family of Miss Berry its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the nephew, Bernard Smith, as sincere appreciation of the Board's realization of the loss that the family, the University and her many friends and associates have sustained.

Fred A. Carlson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 3, 1982, of Fred A. Carlson, Professor Emeritus in the Department of Geography.

Fred Carlson was born in Pittsfield, Massachusetts, October 24, 1892. He received the Bachelor of Science degree from Massachusetts State College (now the University of Massachusetts) in 1918, and the Doctor of Philosophy degree from Cornell University in 1922. From 1918 to 1919, Carlson attended Harvard University. He served as an Instructor in Geography and Geology at Cornell from 1919 to 1921, and as an Assistant Professor of Geology at the University of California at Davis from 1922 to 1923. He was appointed an Assistant Professor of Geography at The Ohio State University in 1923 beginning a life-time of service to the University ending in his retirement in June 1963. He had been promoted to Professor in 1926.

Professor Carlson's early field work, research, and teaching was in soils geography and agricultural geography. He carried on soil surveys and field work in various states, and

February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Fred A. Carlson (contd)

then undertook research and field study in Latin America. This latter research led, ultimately, to the publication of the *Geography of Latin America* (1936, three editions). Earlier, he had published jointly with C. C. Huntington, a text, *Environmental Basis of Social Geography*.

Fred Carlson taught in and supervised the program in undergraduate physical geography for more than 25 years; in addition, he provided instruction and research in soils, the geography of commerce, and Latin America. He was well known for his kind and gentlemanly manner, and for his precision and neatness. Until this past year, he remained an ardent attendant at O.S.U. home football games.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

David S. Craig

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on November 23, 1982, of David S. Craig, Professor Emeritus in the College of Administrative Science - Administration.

Professor Craig was born on October 19, 1902. He was a graduate of Ohio Wesleyan University and The Ohio State University Law School, where he was elected to the Order of the Coif. Professor Craig was engaged in the general practice of law in Columbus from 1927 until 1942. In 1936 and 1937 he served as a judge on the 2nd District Ohio Court of Appeals. From 1940 through 1942, he was a member of the Columbus Board of Education. He was elected president of the Board in 1942.

During World War II, Professor Craig served as principal attorney in the Office of Price Administration. In this capacity he supervised the legal work of the Rent Division of the Chicago and Cleveland regional offices. In 1943 he was appointed to the post of Special Assistant to the Attorney General of the United States.

Professor Craig joined the faculty of The Ohio State University in 1947. He became a full professor in the Department of Business Administration in 1953. In 1959, he co-authored *Basic Business Law*, which became a standard text for a generation of business students. Professor Craig retired from The Ohio State University in 1966.

On behalf of the University community, the Board of Trustees expresses to the family of Mr. Craig its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Andreas Dorpalen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on December 18, 1982, of Andreas Dorpalen, Professor Emeritus in the Department of History.

Professor Dorpalen, historian of twentieth-century Germany, was born in 1911 in Berlin, Germany; he received a Doctor of Law degree from Bonn University in 1933, but was forced to emigrate in 1936. He came to New York City, where he worked as a freelance writer and served as an editorial assistant with the *Columbia Encyclopedia*. In 1943, the U. S. Army invited him to teach about Germany in its Specialized Training Program at Kenyon College. He taught European history at Saint Lawrence University, Canton, New York, from 1944 to 1958, becoming a full professor in 1948. In 1953-54 he was a Guggenheim Fellow at the Institute for Advanced Study in Princeton, New Jersey, to which he returned for another term in 1969. From 1958 until he became emeritus in 1978, Mr. Dorpalen taught German and European history at The Ohio State University.

With his 1942 study of Karl Haushofer, whose ideas form the basis for many of Hitler's geopolitical views, and his 1957 biography of the influential nineteenth-century German historian Heinrich von Treitschke, Mr. Dorpalen concentrated on the intellectual underpinnings of German politics. In *Hindenburg and the Weimar Republic* (1964) and *Europe in the Twentieth Century* (1968) he focused directly on the exercise of political power.

Since 1968 a series of articles built his reputation as a leading western authority on East German historical scholarship. A man of formidable courage who was stricken with paralytic polio shortly after arrival in this country, his work was stamped throughout by fiercely rigorous research and professional commitment.

Mr. Dorpalen served as president of the New York State Association of European historians 1951-52, an executive committee member of the Modern European Section of the American Historical Association 1966-68, and chairman of the Conference Group for Central European history in 1972. He received The Ohio Academy of History Distinguished Service Award and was an honorary member of Phi Beta Kappa.

Professor Dorpalen was truly an outstanding scholar who brought great distinction to The Ohio State University. His special role was in encouraging younger colleagues to press ahead to become the very best teachers and scholars. He was deeply devoted to his Department and to this University. His colleagues and his many friends and admirers in the world-community of scholars mourn his passing.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Dan McLachlan, Jr.

The Board of Trustees of The Ohio State University expresses sorrow upon the death on December 3, 1982, of Dan McLachlan, Professor Emeritus in the Department of Geology and Mineralogy.

February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dan McLachlan, Jr. (contd)

Dan McLachlan was born in Arcola, Saskatchewan, Canada, December 5, 1905. He graduated from Houston High School in 1925. He received the B.S. degree from Kansas State University in 1930; and M.S. and Ph.D. degrees from Pennsylvania State University in 1933 and 1936 respectively. McLachlan's academic appointments included Professor of Metallurgy (also Physics and Mineralogy) at University of Utah from 1947 to 1953, Professor of Physics at University of Denver from 1962 to 1963 and Professor of Mineralogy at The Ohio State University from 1964 until his retirement in 1976. McLachlan also had a number of positions and consultantships in industry. These included Corning Glass, American Cyanamid Company, Stanford Research Institute, General Electric Company and Battelle Memorial Institute.

McLachlan was the author of seventy-five research publications, mostly dealing with X-ray radiography, crystallography and mineralogy. Two of these publications were books. Eleven patents and two copyrights are registered in his name. He is the editor of a book, *History of Crystallography in America*, due to appear in the near future.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

William A. Wayt

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on October 24, 1982, of William A. Wayt, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Dr. Wayt was born on February 20, 1921 and reared on a general purpose hill farm near Moundsville, West Virginia. He was very active in 4-H during his youth. Bill earned a Bachelor of Science degree in Agricultural Education at West Virginia University in 1943. From 1943 to 1945 Dr. Wayt served in the U. S. Army with an Infantry Division, receiving combat experience in the European theater during World War II. He earned a Master of Science degree in 1947 and a Doctor of Philosophy degree in 1956, both in Agricultural Economics from The Ohio State University.

Dr. Wayt served as an Instructor from 1948 to 1956, joining the Ohio Agricultural Experiment Station Staff in 1953. He was appointed as an Assistant Professor in Agricultural Economics and Rural Sociology in 1956. He was promoted to Associate Professor in 1961 and to Professor in 1966. He served in this capacity until his retirement in 1978.

Bill was an Institutional Economist in the tradition of John R. Commons. Throughout his career, he devoted significant portions of his time to problems of land tenure, part-time farming, taxation, land use control, and other land issues in both the U. S. and international

February 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

William A. Wayt (contd)

spheres. Bill was a long-term member of the North Central Land Tenure Research Committee on which he helped develop interest in and conducted several studies on these problems. He is author or co-author of more than 40 articles, monographs and research bulletins.

Throughout his career, Bill had a strong interest in international development. He was advisor and friend to numerous international students. He had a special interest in Africa. In 1961, he organized the Department of Agricultural Economics and Business at Haile Selassie I University in Ethiopia and served as its head until 1963. From 1965 to 1968 he served as a research officer on a CIC/AID study of university contracts abroad for the African region. For three months in 1969, he was an agricultural economics advisor at the University of Udaipur in India. After his retirement from The Ohio State University in 1978, Bill served as a consultant with the Public Administration Service on USAID sponsored projects on two occasions. First, he was assigned to the Indonesia Agricultural Development Bank in Jakarta for the remainder of 1978. Second, he served as Training Advisor with the Kenya Agricultural Finance Corporation in Nairobi from June, 1981 until his death.

During his career, Dr. Wayt was a member of the American Agricultural Economics Association, American Economics Association, International Association of Agricultural Economists, and the International Development Society.

Those who worked closely with Bill respected his warmth and kindness, his personal integrity, his pride in his work, his concern for his fellow man, and his devotion to those students he advised.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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BUDGET - PRESIDENT JENNINGS

President Jennings made the following statement:

Mr. Chairman, with your permission I would like at this time to deviate from the agenda and attempt to bring you up to date on the very difficult situation we find ourselves in on the financial level. We often talk about the Rites of Spring in universities; I hope we do not get into the Rites of February--this is my second February Board meeting and I am in a position of having to cut budgets for the second straight February. Unfortunately, however, dealing with the problem--while it is difficult, I feel that we must, at this stage.

February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

Given the Governor's speech I would like to suggest a context that we are dealing now with financially at Ohio State. As you know, last year at approximately this time, we were forced at Ohio State to go through a budget cutting process that in the end amounted to slightly more than \$55 million. That was being cut from a budget that on national standards is indeed an enormously tight budget. I remind you that the State of Ohio is forty-seventh in the nation in per capita support for higher education and the structure of our budget reflects that very difficult situation. Furthermore, we are not only low relative to other states but higher education at Ohio State during the last several years has had a declining share of what is by any standards a very tight state budget. In 1979, for example, higher education represented approximately 15 per cent of total state budget; today it is approximately 12 per cent of the budget of the State of Ohio.

It is also in a context that we are dealing with budget cuts where student demand continues to increase. As all of you know, we--in the context of Ohio State's enrollment limit, enrollment for next fall, the fall of '83, was closed January 15 reflecting the enormous demand for our services throughout the State of Ohio. We are also in a situation where for three years now the budget has not been a firm budget. As a matter of fact, when I started at Ohio State we were in an unusual situation of not even having a budget. When I began, a budget was developed in November, revised in January of '82, revised again in June of '82, and now we are on our fourth revision in the less than eighteen months that I have been President at Ohio State.

It is also in a context where throughout the nation there is tremendous temptation in higher education to lower quality in higher education, to begin paying lower salaries, to reduce faculty, to reduce staff, to reduce expenditures in higher education. I remind you that higher education is in the unique situation of once we begin to lower quality, that quality will stay down for at least a generation. We are doing everything we can to maintain that quality but the threats to the quality of this institution and many other institutions are extremely severe because of these budget reductions--these unprecedented budget reductions. As I said last year, the budget reductions we were going through here on a percentage basis are worse than that experienced by this University during the period of the Great Depression.

Finally, in this particular situation, we have five months to deal with this budget. We have not the luxury of time; we have a situation where most of our expenditures have already been committed and anything we must do must be done immediately. We do not have the luxury of waiting to see what the final outcome of the legislative proposal is.

We are approaching this budget reduction in a way that I believe will preserve the essence of the academic enterprise. The budget reductions that I will be undertaking will not be across the board. But whatever happens it will be an enormously

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

difficult situation particularly in the context of not only several months but several years of continued budget reductions on a budget that is already very small by any standards, any standards of this nation.

Let me just summarize the problem for you as I understand it from the state's situation. In the Governor's speech last Tuesday, he outlined that the state was in a deficit situation of approximately \$528 million. He attributed roughly \$300 million of that of shortfalls in revenue and \$200 million of that of increases in expenditures as a result of the demands on the state from the very severe unemployment situation that we have in this state. In that budget message he proposed two solutions. He proposed a tax solution that would accommodate approximately \$246 million of that \$528 million and a budget reduction solution that would accommodate approximately \$282 million of which in an executive order that has now been promulgated has directed the Board of Regents to reduce their 1982-83 budget by \$38.7 million. That \$38.7 million represents an enormously large figure but I do have to say that given the context of the state I think that we have an obligation as a state institution to do our share. He has asked the taxpayers to do their share; we have an obligation to do our share and despite several years of difficult budget situations we have an obligation to accommodate this as best we possibly can. But I emphasize again that this budget on an annual basis, given the 10 per cent reduction last year, given the 5 per cent reduction that this approximately represents, given the enrollment penalties that we have had at Ohio State on an annual rate basis, even with this relative to where we started with last June this represents in excess of 20 per cent budget reductions that will have gone through by the end of this fiscal year. I further would point out that whatever our solution is today it does rely on additional revenue for the state and if there is not additional revenue forthcoming that this solution that we are going to outline today will be small compared to the type of problem that we will face if that Governor's proposal is not passed by the General Assembly fairly rapidly and fairly quickly.

Now, how does it affect Ohio State? Unfortunately, any numbers that I deal with at this stage must be approximate. I am confident that any numbers I am dealing with are close to how it affects Ohio State and feel that at this stage we must proceed because of the tremendous shortage of time and the magnitude of this situation. But as we get down the line on this we will get more precise numbers but they are our best estimate today as to how this will affect us. As you all know our budgets are in various pieces and the recommendation coming down is not across the board to those various pieces but does appear that it will average approximately 5.2 per cent. Our best estimate of the loss is the following: In these various pieces, of course, the Columbus instructional subsidy is the largest single piece and of the loss, that represents approximately \$7.95 million. On the Regional Campuses, while the numbers are small it will be very critical to the Regional Campuses. It represents a loss of \$320,000. In the various restricted appropriations--and this includes the Hospital, this includes Cooperative Extension,

February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

this includes OARDC, it includes the labor education program, the losses appear to amount to \$2.4 million. And then finally, as you know, in December the Board of Regents--improperly, I believe--reduced Ohio State's budget by \$2.3 million as an enrollment penalty for which we were not overenrolled. The total magnitude of those losses--the \$8 million from Columbus instructional subsidy, the \$320,000 from Regional Campuses, the \$2.4 million from the restricted appropriations and the enrollment penalty amount to \$12.97 million or approximately \$13 million for the remainder of this fiscal year.

So in essence today we must deal with \$13 million and how do we accommodate to that. Let me also go back a bit in history. The budget that was approved by the General Assembly last June and in turn approved by this Board--in the General Assembly that budget, when it was approved, there was a 2 per cent automatic budget reduction that was to take place if state revenues were short through the process. That piece of it was not signed into law but nevertheless the General Assembly and the Governor and all parts of state government were pointing to the fact that the budget passed last June may have serious difficulty associated with it. And in the budget we passed last June we did indeed set aside 2 per cent of the budget that was passed last June in order to accommodate a shortfall of this nature. That 2 per cent would represent \$4.24 million of the approximately \$13 million budget deficit that we are currently facing. That leaves the continuing staggering amount of \$8.7 million that we have to cover beyond central reserves. Now I also want to point out that had we not had to use this 2 per cent, this \$4.5 million, we could have used that for some of the major shortages associated with this institution. We can go throughout this campus and we can note that our equipment needs on this campus are staggering. Our equipment is becoming more and more obsolete. Our youngsters are being trained on equipment that is one and two and three generations old, we are losing ground in our library books, we are losing ground on our physical plant. These monies could have been used to make some progress on those activities. Lest we forget, those monies would not have disappeared; they would have been used for good academic reasons. But we can apply those monies to this budget deficit.

Now sometimes in all situations you would rather be lucky than good. As all of you are very much aware, with the exception of today we have had a very, very mild winter. We also had a mild summer. Because of that mild weather we have produced approximately one million dollars of savings in our utility plant, in our power plant, in our fuel and purchase of electricity. So that I can apply that one million dollars to this budget deficit reducing it from 8.73 down to of course 7.73. In terms of the enrollment penalty--\$2.3 million--it was a negative penalty, it was an improper penalty. But during the past six weeks our financial officers have made plans to cover that through the tuition income that was generated with those students and a variety of miscellaneous income and savings accounts which are a whole series of small accounts, and is netting out to roughly \$900,000. That

February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

still leaves a problem of \$5.4 million. Now with that I have today issued instructions to our vice presidents to provide me with a plan to accommodate this remaining \$5.4 million through new budget reductions and I emphasize new budget reductions--this is on top of a \$55 million budget reduction last January, 10 per cent reduction on the June budget, and a \$2.3 million enrollment penalty that should not have been placed on us. All these figures are, of course, subject to adjustments as we get the final figures from the Board of Regents.

In terms of developing this plan, I have asked our vice presidents to develop a plan within the following policy guidelines. Despite these difficulties we are not, and I emphasize not, in financial exigency. Current employment practices remain, with any proposed staff reductions accomplished through attrition. We will not recommend an increase in tuition, fees or charges for the Spring Quarter--I emphasize for the Spring Quarter. There will be no general freeze; it is my belief that the vice presidents can deal with this situation without a general freeze. Proposed budget reductions that they make will apply only for the remainder of this fiscal year. I want to remind everybody again that this is assuming the Governor's proposal on new taxes. If that proposal is modified in any way, modified downward, these budget reductions will have to be increased. And even with new taxes, it is very clear to me that this state is not out of the financial difficulty it is in. Even these new taxes will not make either The Ohio State University or the State of Ohio will not turn around the financial situation completely. It will obviously help, but it will not put us in a position where we will have sufficient resources for an outstanding institution. Finally, that earnings operations of the institution have a responsibility similar to that of the General Fund in their set-aside of that 2 per cent contingency. Now based on those guidelines and on total resources in each unit, including the General Fund and earnings operations but excluding restricted accounts I have established the following planned reductions subject to the approximate nature of the total. As I noted that the total remaining liability is \$5.43 million. In developing the plans we will expect the regional campuses to reduce budgets by no less than \$200,000. We will expect the restricted appropriation accounts--again, the Hospital, OARDC, Cooperative Extension, Labor Education and a variety of other units--to reduce budgets by no less than \$1.73 million. We will expect the seventeen colleges of the institution to reduce budgets by no less than \$1.35 million, and I will expect out of the offices of the vice presidents budget reductions of no less than \$2.5 million. I will expect those plans to be in place by February 9 which is next Wednesday. For those of you who have been keeping track of that, that adds to 5.73 and not 5.43; I have kept a contingency of \$300,000 for adjustments to this so that as difficulties arise we have some very modest means available with us with which to deal.

I am confident that this plan, this can be accomplished, without a disaster at this institution. It will be extremely difficult but I think with good management it can be done and I want to emphasize that we do have good management at this institution. We have an outstanding group of deans, who have been going through this

February 4, 1983 meeting, Board of Trustees

BUDGET - PRESIDENT JENNINGS (contd)

President Jennings (contd):

now and I am confident will be able to accomplish the objective without an impairment to quality. Our vice presidents as all of you know are some of the most outstanding people in the country both in their management abilities and their sense of an academic enterprise and can indeed get through this. I am confident also in the faculty and staff and in the student body, that they will pitch in and cooperate in this very difficult time. This plan during this past week has been discussed and comments have been allowed from the Fiscal Affairs Committee of the University Senate, the Steering Committee of the University Senate, the Faculty Compensation and Benefits Committee of the University Senate, the Deans' Council and the vice presidents. They are all prepared and I am confident that this can be accomplished very shortly, but must be accomplished within a short period of time. It will be very difficult but I think the Governor's proposal is fair. He faces the most difficult economic times since the Great Depression in the State of Ohio. Our unemployment figures were at 14 per cent; they haven't been that high since the late 1930's. The Governor, in his speech, was clearly looking for permanent solutions. He is looking to fix the temporary situation but looking for permanent solutions and I am confident that with his help, cooperation of the General Assembly and the community at large that we can get through this and look forward to better times as the economy begins to improve. It will indeed be a great burden--it will be a burden to our faculty, to our students, to our staff; it will be a great burden to the people of Ohio. But I think in these difficult times that can be shouldered, and with cooperation we can accomplish this. We will do our share as I am confident the community at large will do its share. I wish we didn't have to go through this, but I am afraid we do and I think this will work and I think you can be confident that the people of this institution will pitch in and get the job done. Any questions?

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-79

Synopsis: The reports on contracts, grants, and gifts and the summary for November and December are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the months of November and December 1982, be approved.

Upon motion of Mr. Havens, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

SUMMARY FOR NOVEMBER 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	47	\$3,058,226.57
Engineering Experiment Station	37	114,732.00
		\$3,172,958.57

The Ohio State University Development Fund

Establishment of Named Funds

College of Dentistry Orthodontic Support Fund (College of Dentistry - Orthodontic Section)	\$ 50,000.00
Agronomy Teaching Improvement Fund (Department of Agronomy)	\$ 10,000.00
Mary Jayne Dovenbarger Scholarship Fund (College of Agriculture and Home Economics)	\$ 5,390.05
Department of Home Management and Housing Endowment Fund (Department of Home Manage- ment and Housing)	\$ 5,000.00
The Law Class of '65 Endowed Fund (College of Law)	\$ 5,000.00

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR NOVEMBER 1982 (contd)

Report from Presidents Club

Members to date	4,576
1982 members: year to date	121
New members - November 1982	12

New Presidents Club Members - November 1982

George E. Bell	Kenneth E. Nutter
Helen Game Crane	Robert W. Nutter
Jack O. Evans	Glen E. Petry
Charles C. Figge	Michael Sutton
Richard P. Goldthwait	S. J. Whalen
E. Leonard Jossem	Howard E. Whiston

SUMMARY FOR DECEMBER 1982

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	58	\$3,620,691.03
Engineering Experiment Station	45	103,597.00
Ohio Agricultural Research and Development Center	3	23,802.00
		\$3,748,090.03

The Ohio State University Development Fund

Establishment of Named Funds

The Martha Brian Fellowship in Journalism (Fellowship support - School of Journalism)	\$18,615.00
The Allan I. Gordon Undergraduate Scholarship for Study in Bio- chemical Engineering (Department of Chemical Engineering)	\$10,000.00

February 4, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR DECEMBER 1982 (contd)

Establishment of Named Funds

The Francis R. Aumann Fund (Department of Political Science)	\$ 5,475.00
The Jane S. Ward Medical Research Fund (Medical Research)	\$ 5,040.00
Seneca Buckeye Alumni Scholarship Fund (Undergraduate students - Seneca County)	\$ 5,000.00

Report from Presidents Club

Members to date	4,585
1982 members: year to date	132
New members - December 1982	11

New Presidents Club Members - December 1982

James F. Berg	Paul L. Ludwig
Richard J. Denman	Elbert R. Nester
Steven P. Gibb	D. Scott Owens
Joseph H. Goodman	Tom H. Robinson
Jack G. G. Hendershot	David M. Selcer
Shirley T. Johnson (Mrs. Robert E.)	

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1982 through December 31, 1982

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	11	\$ 574,967.51
National Science Foundation	13	743,489.00
Department of Defense	28	3,967,650.00
Department of Energy	1	30,000.00
Department of Education	12	209,900.00
Department of Health and Human Services	18	1,367,402.00
Other Federal	22	1,408,388.00
TOTAL - FEDERAL	105	\$ 8,301,796.51
STATE OF OHIO	18	\$ 344,514.87
INDUSTRIAL	25	\$ 786,017.41
OTHER NON-FEDERAL	46	\$ 3,211,991.22
GRAND TOTAL	194	\$12,644,320.01

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SECOND QUARTER SUMMARY

October 1, 1982 through December 31, 1982

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Support Level
STATE OF OHIO	1	\$ 6,876.00
INDUSTRIAL AND OTHER	109	\$230,319.00
TOTAL	110	\$237,195.00

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - November, 1982

Federal Research Contracts/Grants

\$327,595.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, Department of Medicine (M. Tzagournis and W. B. Malarkey), 1 December 1982 through 30 November 1983. (Project 761196 - Continuation)

\$129,984.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Documentation of Ice Shapes for the Helicopter Icing Flight Test Program, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 29 November 1982 through 29 August 1983. (Project 763362 - New)

\$119,936.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Effect of Ice Formation on Aerodynamic Shapes, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek and M. B. Bragg), 4 June 1983 through 4 June 1984. (Project 762009 - Continuation)

\$117,433.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical and Molecular Biological Aspects of Alkylhydrazine-Induced Carcinogenesis in Human Cells *in Vitro*, College of Pharmacy (D. T. Witiak), 1 October 1982 through 30 June 1983. (Project 762177 - Continuation)

\$112,441.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen (Hydrazine, Polynuclear Hydrocarbon and/or Synthetic Jet Fuel Components) Induced Carcinogenesis of Human Cells, *in Vitro*, Department of Physiological Chemistry (G. E. Milo), 1 July 1982 through 30 June 1983. (Project 762178 - Continuation)

\$89,746.00 - National Science Foundation, Washington, D. C., Glacial Geology and Pedology of the Reedy Glacier - Harold Byrd Mountains Area, Institute of Polar Studies (J. H. Mercer and K. R. Everett), 1 July 1983 through 30 June 1984. (Project 763363 - New)

\$87,592.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Chemical Carcinogen-Induced Changes in tRNA Metabolism in Human Cells, Department of Physiological Chemistry (R. Trewyn), 1 October 1982 through 30 September 1983. (Project 762404 - Continuation)

\$87,000.00 - Department of the Air Force, Electronic Systems Division (AFSC), Hanscom Air Force Base, Massachusetts, The Study of Gravity Field Estimation Procedures, Department of Geodetic Science and Surveying (R. H. Rapp), 1 October 1982 through 30 September 1983. (Project 762959 - Continuation)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$82,533.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Immune Dysfunctions and Abrogation of the Inflammatory Response by Environmental Chemicals, Department of Veterinary Pathobiology (R. G. Olsen), 1 July 1982 through 30 June 1983. (Project 761657 - Continuation)

\$81,300.00 - National Science Foundation, Washington, D. C., Kinetics and Spectroscopy of Carbenes and Biradicals, Department of Chemistry (M. S. Platz), 1 December 1982 through 30 November 1983. (Project 763341 - Continuation)

\$80,000.00 - National Science Foundation, Washington, D. C., Crack Detection by Ultrasonic Methods: Theory and Experiment, Department of Welding Engineering (L. Adler), 15 October 1982 through 14 October 1984. (Project 763354 - New)

\$78,451.00 - Department of the Air Force, Office of Scientific Research, Bolling Air Force Base, D. C., Molecular Interactions of High Energy Fuels and Jet Fuels with Oncogenic Viruses and Endogenous Viruses, Department of Veterinary Pathobiology (J. Blakeslee), 1 July 1982 through 30 June 1983. (Project 762179 - Continuation)

\$74,741.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Oxidation Resistance and Magnetic and Mechanical Properties of Fe, Si, Al Alloys, Department of Metallurgical Engineering (G. W. Powell), 1 October 1982 through 30 September 1983. (Project 762438 - Continuation)

\$71,000.00 - National Science Foundation, Washington, D. C., Wave Propagation and Transport in Heterogeneous Media, Department of Physics (D. G. Stroud and B. R. Patton), 1 November 1982 through 31 October 1983. (Project 762926 - Continuation)

\$68,811.00 - National Aeronautics and Space Administration, Washington, D. C., Infrared Spectroscopic Investigation of Gases to Support Stratospheric Studies, Department of Physics (J. H. Shaw), 1 November 1982 through 31 October 1983. (Project 761420 - Continuation)

\$60,000.00 - National Science Foundation, Washington, D. C., Molecular Studies of Genetic Regulation in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 December 1980 through 30 May 1984. (Project 762490 - Continuation)

\$54,925.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Fundamentals of Microcrack Nucleation Mechanics, Department of Engineering Mechanics (L. S. Fu), 28 October 1982 through 27 October 1983. (Project 763340 - Continuation)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$40,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute Health Clinic Center, Bethesda, Maryland, Normal Volunteers for Participation in Medical Research Projects, Department of Microbiology (A. M. Ackermann-Brown), 1 October 1982 through 30 September 1983. (Project 762907 - Continuation)

\$36,077.00 - Department of Health and Human Services, Office of Human Development Services, Administration for Children, Youth and Families, Chicago, Illinois, Child Welfare Traineeships, College of Social Work (P. M. Alexander), 1 September 1982 through 31 August 1983. (Project 763310 - New)

\$30,000.00 - International Development Cooperation Agency, Agency for International Development, Washington, D. C., A Cooperative Agreement Between the Rural Development Office, Technical Assistant Bureau, Agency for International Development and Agricultural Economics and Rural Sociology, The Ohio State University, Department of Agricultural Economics and Rural Sociology (D. H. Boyne and D. W. Adams), 1 October 1982 through 31 December 1982. (Project 760927 - Continuation)

\$30,000.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory, (C. A. Levis), 1 October 1982 through 31 December 1982. (Project 762612 - Continuation)

\$22,964.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, EO Device Signature Reduction, Department of Electrical Engineering, ElectroScience Laboratory (E. K. Damon), 1 October 1982 through 1 February 1983. (Project 762341 - Continuation)

\$20,000.00 - Department of Labor, Occupational Safety and Health Administration, Washington, D. C., Development of Occupational Safety and Health Training/Education and Related Assistance Capabilities, College of Administrative Science, Continuing Education (R. M. Montgomery and C. J. Slanicka), 1 October 1982 through 30 September 1983. (Project 761381 - Continuation)

\$12,500.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, International Symposium on Molecular Spectroscopy, Department of Physics (K. N. Rao), 1 November 1982 through 31 October 1985. (Project 763344 - Continuation)

\$11,072.00 - Department of the Interior, Geological Survey, Reston, Virginia, Analysis and Evaluation of Water Quality Data in the Ohio River Basin, Department of Civil Engineering (E. E. Whitlatch and R. M. Sykes), 1 October 1982 through 31 March 1983. (Project 762051 - Continuation)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$10,610.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Changes in the Organ of Hearing Produced by Sound, Department of Otolaryngology (D. J. Lim and W. Melnick), 1 October 1982 through 17 March 1983. (Project 762072 - Continuation)

TOTAL - FEDERAL RESEARCH CONTRACTS/GRANTS **\$1,936,711.00**

State of Ohio Research Contracts/Grants

\$90,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1982 through 30 September 1983. (Project 763348 - New)

\$23,813.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Continuing Education for Child Care Professionals, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 October 1982 through 30 September 1983. (Project 763255 - Continuation)

\$8,585.00 - State of Ohio, Department of Education, Division of Vocational Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, The Occupational Employment Statistics Survey Program in Ohio for Non-Manufacturing (Primarily Trade), 1982, Academic Faculty of Labor and Human Resources (S. C. Kelley, H. R. Blaine and M. Sandver), 1 November 1982 through 31 August 1983. (Project 763055 - Continuation)

\$200.00 - State of Ohio, Department of Mental Health, Columbus, Ohio, The Impact of Natural Support Systems on Children's Reaction to Parental Divorce/Separation, Department of Psychology (C. Wenar and M. Schreiber), 1 July 1982 through 31 December 1982. (Project 762184 - Continuation)

TOTAL - STATE OF OHIO RESEARCH CONTRACTS/GRANTS **\$ 122,598.00**

Industrial, Private, and Other Non-Federal Research Contracts/Grants

\$627,899.00 - University of Cincinnati, Cincinnati, Ohio, Area Health Education Centers, College of Medicine - Administration (G. L. Trzebiatowski), 1 October 1982 through 30 September 1983. (Project 763304 - Continuation)

\$61,708.00 - Ross Laboratories, Division of Abbott Laboratories, Columbus, Ohio, Isolation and Growth of Human Rotaviruses, Department of Medical Microbiology and Immunology (J. H. Hughes), 1 September 1982 through 31 August 1983. (Project 763278 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$44,114.00 - Adria Laboratories, Columbus, Ohio, Dose-Response Analgesic Study of 37.5 mg, 75 mg and 150 mg Intramuscular Single Doses of Indoprofen Compared to Placebo in Patients with Post Abdominal or Vaginal Hysterectomy, Department of Anesthesiology (J. S. McDonald), 1 October 1982 through 30 June 1983. (Project 763360 - New)

\$42,840.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Development of a Non-Traditional Medical Record Administration Program, School of Allied Medical Professions (M. S. Pariser), 1 September 1982 through 31 August 1983. (Project 762768 - Continuation)

\$42,328.00 - Smith Kline and French Laboratories, Philadelphia, Pennsylvania, SK&F 100,168 in Normal Subjects, Department of Medicine (C. V. Leier), 1 September 1982 through 30 August 1983. (Project 763342 - New)

\$40,000.00 - University of Florida, Gainesville, Florida, Decomposition Pathways for Carbon Disulfide, Department of Chemistry (I. Shavitt), 1 September 1982 through 31 August 1983. (Project 762983 - Continuation)

\$28,600.00 - Commonwealth of Pennsylvania, Department of Education, Harrisburg, Pennsylvania, Consortium for the Development of Professional Materials for Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 September 1982 through 31 August 1983. (Project 763352 - Continuation)

\$23,930.00 - Ohio Coal Research Laboratories Association, Columbus, Ohio, Newsletter for the Ohio Coal Research Laboratories Association, Inc., Program for Energy Research, Education and Public Service, Graduate School - Administration (R. E. Bailey), 1 November 1982 through 31 October 1983. (Project 762554 - Continuation)

\$20,000.00 - Research Corporation, New York, New York, State-State Chemical Dynamics of Molecule-Surface Interactions, Department of Chemistry (P. L. Jones), 1 December 1982 through 30 November 1983. (Project 763361 - New)

\$18,250.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 October 1982 through 31 December 1982. (Project 763054 - Continuation)

\$16,332.00 - Pittsburgh Plate Glass, Circleville, Ohio, Analysis and Study of Orientation Programs for Resin Plant Operators, Academic Faculty of Vocational-Technical Education (J. E. Sage) and College of Education - Administration (J. J. Buffer), 1 October 1982 through 31 March 1983. (Project 763350 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial, Private, and Other Non-Federal Research Contracts/Grants (contd)

\$15,671.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1982 through 30 June 1983. (Project 763351 - New)

\$6,000.00 - American Cyanamid Company, Pearl River, New York, Clinical Evaluation of MAS-01, Department of Obstetrics and Gynecology (C. I. Friedman), 1 October 1982 through 30 September 1983. (Project 763346 - New)

\$5,000.00 - Center for Public Education, Columbus, Ohio, Methodology Development for the Center for Public Education "Planning Study for the 80's," Department of Communication (D. Ronchi), 1 October 1982 through 31 March 1983. (Project 763333 - New)

\$3,000.00 - E. H. White & Co., San Francisco, California, Patterns of Course Taking, Grades, Credits, and Valuation in High School: A Re-analysis of the National Longitudinal Survey Youth Transcript Data, The National Center for Research in Vocational Education (R. E. Taylor), 25 October 1982 through 25 November 1982. (Project 763345 - New)

\$2,920.57 - Arizona State University, Tempe, Arizona, An Assessment of Labor Market Demand in the Agua Fria, Arizona School District, The National Center for Research in Vocational Education (R. E. Taylor), 1 November 1982 through 30 November 1982. (Project 763343 - New)

\$325.00 - The Apple Education Foundation, Cupertino, California, An Instructional Design Model for the Development of Computer Based Simulations, Academic Faculty of Educational Foundations and Research (K. A. Hall), 1 October 1982 through 31 December 1983. (Project 763347 - New)

TOTAL - INDUSTRIAL, PRIVATE, AND OTHER NON-FEDERAL RESEARCH CONTRACTS/GRANTS	\$ 998,917.57
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ENGINEERING EXPERIMENT STATION

Industry and Other Sponsored Research and Development

\$7,191.00 - International Engineering Corporation, Inc., San Francisco, California, Extension of "A Study of Radio Frequency Interference from HVDC Converter Stations," Department of Electrical Engineering, June 24, 1982 through November 3, 1982. (529087 - Ext. 1)

\$107,541.00 - Twenty-six sponsors for 36 development projects under the direction of seven departments and research areas.

TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH AND DEVELOPMENT	\$ 114,732.00
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February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$43,451.25	Order Eastern Star Grand Chapter, Danville, Ohio, for Cancer Research - Dr. Minton.
\$37,000.00	Standard Oil Company, Cleveland, Ohio--\$10,000.00 for SOHIO Fellowship in Chemistry; \$7,500.00 for College of Administrative Science; \$7,500.00 for Mining Engineering Scholarships; \$7,000.00 for Capital Campaign - Chemical Engineering; \$2,500.00 for Affirmative Action Program in Engineering; and \$2,500.00 for Women Engineers - Engineering Administration.
\$31,834.85	Louise Scott Foundation, Columbus, Ohio--\$23,876.14 for William C. Orr and Mary B. Orr Scholarship in Medicine and \$7,958.71 for William C. Orr and Mary B. Orr Scholarship in Pharmacy.
\$29,134.94	Retinal Consultants, Columbus, Ohio--\$25,452.36 for Retina Research Fund and \$3,682.58 for Ophthalmology Photography Fund.
\$27,808.00	Amoco Foundation, Inc., Chicago, Illinois--\$13,508.00 for Amoco Foundation, Inc., Fellowship; \$7,500.00 for Teacher's Awards Fund; and \$6,800.00 for Department of Geology Fund.
\$26,736.00	Trust Under the Will of Glenna Joyce, Columbus, Ohio, for Glenna R. Joyce Scholarship Fund.
\$23,000.00	Union Carbide, New York, New York--\$6,000.00 for Union Carbide Corporation Fellowship and Grant-in-Aid Fund in Chemical Engineering; \$6,000.00 for Capital Campaign - Mechanical Engineering; \$4,000.00 for Union Carbide Corporation Fund in Chemistry; \$3,000.00 for Union Carbide Corporation Fellowship - Welding Engineering; \$2,000.00 for Women Engineers - Engineering Administration; and \$2,000.00 for Affirmative Action Program in Engineering.
\$20,000.00	City Loan and Savings, Lima, Ohio, for WOSU Support Fund.
\$18,075.00	Exxon Education Foundation, New York, New York--\$10,000.00 for Exxon Fellowship in Metallurgical Engineering; \$4,000.00 for Department of Geology Special Fund; \$2,000.00 for Accounting Department, Chairman's Discretionary Fund; \$2,000.00 for College of Administrative Science Fund; and \$75.00 for undesignated purposes.
\$16,118.28	Trust Under the Will of Carl Baldwin, Columbus, Ohio, for Carl and Grace Baldwin Eye Care Fund.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More

\$15,885.52	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$15,000.00	Ohio Dairy Farmers Federation, Inc., Columbus, Ohio, for Ohio Dairy Farmers Federation, Inc., Research Fund.
\$14,543.77	University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
\$13,687.50	Seward Schooler, Coshocton, Ohio--\$12,500.00 for Cardiovascular Research Fund - Dr. Leier and \$1,187.50 for Presidents Club Special Fund.
\$12,400.00	Trust Under the Will of Anna Roessler, Columbus, Ohio, for Samuel J. Roessler Memorial Medical Scholarship Fund.
\$10,373.82	Revlon Health Care Group, Columbus, Ohio, for Renal Disease Research Fund.
\$10,260.00	Dellen Labs, Inc., Omaha, Nebraska, for Veterinary Pathobiology Graduate Training Fund.
\$10,000.00	Howard Webb, Lima, Ohio, for Orthodontic Support Fund.
\$10,000.00	Pulmonary Associates, Columbus, Ohio, for Pulmonary General Fund.
\$10,000.00	M. S. & F. H. Bender Foundation, New York, New York, for Ophthalmic Laser Lab Fund.
\$10,000.00	Ohio Food Processors Association, Worthington, Ohio, for Chair in Food Industry.
\$ 7,854.37	Students Institute, Journalism and Communications, Tokyo, Japan, for Disaster Research Center - Japanese Collaboration.
\$ 7,825.00	Ohio Farm Bureau, Columbus, Ohio--\$7,200.00 for Farm Bureau Scholarship Program and \$625.00 for Roy M. Kottman Scholarship Fund.
\$ 7,800.00	Hoffmann-LaRoche, Inc., Nutley, New Jersey, for Infectious Disease Fund.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More

\$ 7,675.00	Glenbrook Labs, New York, New York, for Reye's Syndrome - Dr. J. D. Pollack.
\$ 7,500.00	Chevron Oil Research, La Habra, California, for Chemistry Research - Dr. McCreery.
\$ 7,028.77	Trust Under the Will of Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial Fund.
\$ 7,000.00	H. C. Moores Foundation, Gahanna, Ohio, for Friends of WOSU.
\$ 6,870.38	Noel Hiatt, Columbus, Ohio--\$6,131.63 for Dentistry Advancement Endowment Fund and \$738.75 for Student Athlete Grant-in-Aid.
\$ 6,751.42	Ohio Ladies VFW Auxiliary, Columbus, Ohio, for Cancer Research Center.
\$ 6,500.00	Mosier Industry, Inc., Brookville, Ohio--\$4,000.00 for Fluid Power Fund and \$2,500.00 for Mosier Fund.
\$ 6,000.00	Raymond Mason, Venice, Florida, for Presidents Club Special Fund.
\$ 5,036.00	The Mead Corporation Foundation, Dayton, Ohio--\$3,000.00 for Electrical Engineering Chairman's Discretionary Fund; \$2,000.00 for Department of Computer and Information Science Chairman's Discretionary Fund; and \$36.00 for Friends of WOSU.
\$ 5,000.00	Ernst and Whinney, Columbus, Ohio, for Ernst & Ernst Accounting Grant.
\$ 5,000.00	Park National Bank, Newark, Ohio, for Everett D. Reese and Park National Bank Fund for Faculty of Finance.
\$ 5,000.00	Pfizer, Inc., Lees Summit, Missouri, for Pfizer Research Fellowship Fund.
\$ 5,000.00	Loren M. Berry Foundation, Dayton, Ohio, for undesignated purposes.
\$ 5,000.00	George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind

\$10,000.00 - Dwight Klump, Blissfield, Michigan, three-year old Arabian mare

\$ 7,333.33 - Landon Knight, Akron, Ohio, four-year old Thoroughbred gelding

\$ 5,500.00 - Patricia M. Barr, Inc., Akron, Ohio, six-year old Thoroughbred stallion

Establishment of Named Funds

College of Dentistry Orthodontic Support Fund

The College of Dentistry Orthodontic Support Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund by alumni and friends of the Orthodontic Section of the College of Dentistry.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The principal and/or income is to be used to support and advance the Orthodontic Section of the College of Dentistry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Dentistry.

Agronomy Teaching Improvement Fund

The Agronomy Teaching Improvement Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from Professor Donald E. Herr, Ph.D. 1965, in honor of his sons, John E. Herr, M.D. 1981, and Douglas E. Herr, B.S. 1980, U. S. Military Academy.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to purchase classroom and/or laboratory equipment and accessories for any medium of instruction, expendable supplies excluded. Expenses incurred

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Agronomy Teaching Improvement Fund (contd)

by any Agronomy faculty attending functions where the primary intent is to improve the teaching capability of the individual may also be paid. Allocation of funds will be determined by the department chairperson and the assistant chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with emphasis in agricultural education.

Mary Jayne Dovenbarger Scholarship Fund

The Mary Jayne Dovenbarger Scholarship Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from family, friends and colleagues to The Ohio State University Development Fund in honor of her career as an Ashland County Extension Economist.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one scholarship each year for an Ashland County student enrolled in The Ohio State University College of Agriculture and Home Economics with a major study in Agriculture, Home Economics, or Natural Resources and an interest in the 4-H program or other Cooperative Extension work as a career choice. Should no such undergraduate student qualify, then it may be awarded to a graduate student from Ashland County preparing for a career in Cooperative Extension Service. All recipients shall demonstrate above average academic ability and/or financial need and/or leadership ability. Should there be no qualified student from Ashland County, then the scholarship may be awarded to any student from the State of Ohio preparing for a career in the Cooperative Extension Service.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

Department of Home Management and Housing Endowment Fund

The Department of Home Management and Housing Endowment Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from alumni, faculty and friends of the Department of Home Management and Housing of the School of Home Economics.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Department of Home Management and Housing Endowment Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to further programs in the Department of Home Management and Housing with preference given to graduate and research programs, in that order. Expenditure of annual income will be determined by the chairperson and two faculty members of the Department of Home Management and Housing. Annual income from the endowment shall be accumulated and added to the principal until the endowment reaches a total of \$10,000. Subsequent earnings shall be distributed on the basis of eighty percent (80%) of the earnings awarded, as directed in the first sentence of this paragraph, and twenty percent (20%) of earnings returned to the principal of the endowment.

Should the need for these funds cease to exist or so diminish as to provide unused income, or should the Department of Home Management and Housing cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for consumer/family economics, equipment, home management and housing education.

The Law Class of '65 Endowed Fund

The Law Class of '65 Endowed Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from members of the Class of 1965 of the OSU College of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the Class of '65 Endowed Professorship of Law. The professorship is created to recognize the work of a distinguished scholar and teacher in the College of Law. Appointment to the Class of '65 Endowed Professorship will be recommended by the Dean of the College of Law for approval by the Board of Trustees.

Until such time as this fund reaches a total to fully establish a professorship (\$250,000.00), the annual income is to be reinvested completely in the principal of the fund. The members of the Class of '65 reserve the right to request a change in the endowment description at a future date with recommendation from the Dean of the College of Law.

Should the need for this endowed fund cease to exist or so diminish as to provide unused income, then the income may be used by the Board of Trustees, with preference being given to recommendations from the person directly responsible for legal education.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - December, 1982

Federal Research Contracts/Grants

\$600,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, "Resonant Structure NCTR" (Non-Cooperative Target Recognition), Department of Electrical Engineering, ElectroScience Laboratory (J. D. Young), 1 November 1982 through 31 October 1983. (Project 762920 - Continuation)

\$380,498.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Joint Services Electronics Program, Department of Electrical Engineering, ElectroScience Laboratory (C. H. Walter), 1 October 1982 through 30 September 1983. (Project 760914 - Continuation)

\$244,301.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion, Department of Otolaryngology (D. J. Lim), 1 December 1982 through 30 November 1983. (Project 760043 - Continuation)

\$109,493.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Interaction of DNA Topoisomerase I with Chromatin, Department of Microbiology (M. T. Muller), 1 January 1983 through 31 December 1983. (Project 763392 - New)

\$101,818.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Nonnitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1982 through 30 November 1983. (Project 762967 - Continuation)

\$84,240.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Regulation of Gene Expression in Neurospora, Department of Biochemistry (G. A. Marzluf), 1 January 1983 through 31 December 1983. (Project 760578 - Continuation)

\$72,726.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Vasoactive Intestinal Peptide in Diagnosis of Leukemia, Department of Medicine (M. S. O'Dorisio and T. O'Dorisio), 1 December 1982 through 30 November 1983. (Project 762499 - Continuation)

\$65,343.00 - National Science Foundation, Washington, D. C., Single-Atom Peribridged Arenes and Hetarenes: Carbenic Processes, Department of Chemistry (H. Shechter), 1 December 1982 through 30 November 1983. (Project 762529 - Continuation)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,000.00 - National Science Foundation, Washington, D. C., Sulfide Oxidation and Mixotrophy in *Beggiatoa Alba* as an Efficient Alternative Form of Energy Metabolism, Department of Microbiology (W. R. Strohl), 15 November 1982 through 14 November 1984. (Project 763364 - New)

\$50,000.00 - National Science Foundation, Washington, D. C., Studies of Petrified Paleozoic Fungi, Department of Botany (T. N. Taylor and S. P. Stubblefield), 1 January 1983 through 31 December 1983. (Project 763394 - New)

\$37,817.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Enzyme Aging and Gene Expression in Anucleate Cells, Department of Microbiology (J. N. Reeve), 1 December 1982 through 30 November 1983. (Project 762514 - Continuation)

\$36,500.00 - National Science Foundation, Washington, D. C., Separation and Detached Eddies in Rotating, Stratified Flows, Department of Aeronautical and Astronautical Engineering (M. R. Foster), 1 December 1982 through 30 November 1983. (Project 763382 - New)

\$35,835.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, *Acanthamoeba* Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1982 through 30 November 1983. (Project 762493 - Continuation)

\$30,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1982 through 30 November 1983. (Project 760022 - Continuation)

\$30,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Transition-Region Heat Transfer and Rough Surface Effects on Turbo-Machine Flow Problems, Department of Mechanical Engineering (L. S. Han), 1 October 1982 through 30 April 1983. (Project 763057 - Continuation)

\$25,318.00 - National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, A Study of the Meteorological Factors in Earth Satellite Propagation, Department of Electrical Engineering, ElectroScience Laboratory (C. A. Levis), 1 January 1983 through 31 March 1983. (Project 762612 - Continuation)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$25,000.00 - National Endowment for the Arts, Washington, D. C., Color Photography in the Thirties: Dominant Modes and FSA Documentary Experiments, College of the Arts - Administration (J. W. Green), 1 December 1982 through 31 December 1984. (Project 763355 - New)

\$23,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advance RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 October 1982 through 30 December 1982. (Project 762363 - Continuation)

\$22,211.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Assessment of a New Technique for the Nondestructive Evaluation of Adhesive Joints, Department of Engineering Mechanics (V. H. Kenner), 1 October 1982 through 18 October 1983. (Project 762999 - Continuation)

\$21,800.00 - National Science Foundation, Washington, D. C., Investigations into the Necessary Use of Abstract Set Theory and Constructive Aspects of Algebra, Department of Mathematics (H. M. Friedman), 1 July 1983 through 30 June 1984. (Project 762750 - Continuation)

\$20,000.00 - National Endowment for the Arts, Washington, D. C., University Gallery Art Purchase, College of the Arts - Administration (J. W. Green), 1 December 1982 through 30 June 1983. (Project 763376 - New)

\$17,300.00 - National Science Foundation, Washington, D. C., Stereochemistry of Reactions at Prochiral and Pro-Prochiral Centers - A ¹³Carbon, Deuterium Double Labeling Approach, Department of Chemistry (H. G. Floss), 15 December 1982 through 31 December 1983. (Project 763379 - New)

\$14,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, A Study of the Buckling, Postbuckling Behavior and Vibrations of Laminated Composite Panels, Department of Engineering Mechanics (A. W. Leissa), 2 October 1982 through 28 February 1983. (Project 762513 - Continuation)

\$9,040.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Mental Health, Rockville, Maryland, Pupillographic Response and Average Evoked Potentials as a Measure of Information Processing in Schizophrenics and Normals, Department of Psychology (G. Berntson and C. Putchat), 22 September 1982 through 21 September 1983. (Project 763357 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$6,062.00 - Department of Agriculture, Graduate School, Washington, D. C., A Study to Determine the Feasibility and Viability of Establishing a Vocational Training Institute in Peru, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 January 1983. (Project 763389 - New)

\$3,626.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds Program for Cooperative Education, Office of Academic Affairs - Arts and Sciences Administration (T. H. Willke and M. L. Smith), 1 October 1982 through 30 September 1983. (Project 763367 - New)

\$1,433.51 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Bellanca Skyrocket Natural Laminar Flow Flight Research, Department of Aeronautical and Astronautical Engineering (G. M. Gregorek) and Department of Aviation (G. S. Weislogel), 1 March 1982 through 15 September 1982. (Project 762359 - Continuation)

TOTAL - FEDERAL AWARDS

\$2,127,361.51

State of Ohio Research Contracts/Grants

\$63,234.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Parent-Professional Interaction: A Key to Parental Involvement, College of Social Work (A. Riemenschneider), 16 October 1982 through 30 September 1983. (Project 762993 - Continuation)

\$13,582.87 - State of Ohio, Department of Education, Division of Vocational Education, Career Development Service, Columbus, Ohio, Coordination of State-wide Career Education Activities, Academic Faculty of Special Services (J. J. Quaranta), 1 December 1982 through 31 March 1983. (Project 763053 - Continuation)

\$4,000.00 - Ohio Arts Council, Columbus, Ohio, Haciendo Punto en Otro Son Concert for Hispanic Awareness Week, 1983, Office of Student Life (M. D. Livingston), 1 August 1982 through 30 April 1983. (Project 763371 - New)

\$2,960.00 - Ohio Arts Council, Columbus, Ohio, Keyboard Conversation, Department of Telecommunications (D. Ouzts), 1 July 1982 through 30 June 1983. (Project 763356 - New)

\$1,909.00 - Ohio Arts Council, Columbus, Ohio, International Conference on Women, Culture and Fascism, Department of German (H. Fehervary), 1 January 1983 through 31 May 1983. (Project 763384 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants (contd)

\$1,183.00 - Ohio Arts Council, Columbus, Ohio, Publication Support for the *Ohio Journal*, Department of English (W. W. Allen), 1 July 1982 through 30 June 1983. (Project 763369 - New)

TOTAL - STATE OF OHIO AWARDS **\$ 86,868.87**

Industrial Research Contracts/Grants

\$219,225.00 - American Matrix, Inc., Tampa, Florida, Stereological Computer-Assisted Fluorometry: Development of Techniques for Analysis of Biological Material, Comprehensive Cancer Center (L. D. Tomei) and Department of Electrical Engineering (S. A. Collins, Jr.), 1 December 1982 through 30 November 1983. (Project 763373 - New)

\$25,000.00 - Abt Associates, Inc., Cambridge, Massachusetts, Preparation of a Final Report of the Youth Incentive Entitlement Pilot Projects (YIEPP), Department of Economics (R. J. Olsen), 1 September 1982 through 30 June 1983. (Project 763338 - New)

\$20,806.00 - Eastman Kodak Company, Eastman Chemicals Division, Kingsport, Tennessee, Effect of Combinations of Rumen-Stable Methionine and Lysine on Feedlot Performance of Beef Calves, Department of Animal Science (OARDC) (S. C. Loerch), 29 November 1982 through 30 June 1983. (Project 763391 - New)

\$13,767.00 - Woodroof Laboratories, Inc., Santa Ana, California, Evaluation of Vascular Graft Prosthesis, Department of Surgery (J. F. Cornhill and W. L. Smead), 1 December 1982 through 31 January 1983. (Project 763383 - New)

\$12,500.00 - Madison County Hospital, London, Ohio, Madison County Hospital Internship Project, Academic Faculty of Special Services (J. J. Quaranta), 15 December 1982 through 31 August 1983. (Project 763381 - Continuation)

\$5,996.00 - Chemical Abstracts Service, Division of the American Chemical Society, Columbus, Ohio, Design and Evaluation of Procedures for Optimizing Human Performance in an Online Data Retrieval System, Department of Psychology (H. Shulman), 15 December 1982 through 15 March 1983. (Project 762213 - Continuation)

\$1,000.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1982 through 28 February 1983. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS **\$ 298,294.00**

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Private and Other Non-Federal Research Contracts/Grants

\$427,554.00 - Midwestern Universities Consortium for International Activities, Inc., University of Illinois, Champaign, Illinois, Office of International Programs in Agriculture (H. D. Bauman and D. E. Herr), 22 September 1982 through 26 October 1986. (Project 763368 - New)

\$215,870.00 - Michigan State University, East Lansing, Michigan, Technical Assistance - Natural Resource Management, Dominican Republic, Office of International Programs in Agriculture (D. O. Hansen), 1 November 1982 through 31 July 1986. (Project 763365 - New)

\$149,300.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Interprofessional Development of Clinical and Continuing Education by the Commission on Interprofessional Education and Practice, Academic Faculty of Educational Administration (L. Cunningham), 1 October 1982 through 30 September 1983. (Project 762825 - Continuation)

\$52,000.00 - The Gas Research Institute, Chicago, Illinois, Limitations on the Efficiency of the Solar Photoreduction of Carbon, Department of Biochemistry (R. T. Ross), 1 January 1983 through 31 December 1983. (Project 763124 - Continuation)

\$28,418.56 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - Continuation)

\$27,223.09 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - Continuation)

\$26,027.00 - AARP Andrus Foundation, Washington, D. C., The Relationship of "Attachment to Home" and Other Factors to the Residential Choices of Recent Widows, Department of Family Relations and Human Development (S. L. O'Bryant), 1 January 1983 through 31 December 1983. (Project 763388 - New)

\$24,413.00 - Oklahoma Advisory Council for Vocational Education, Oklahoma City, Oklahoma, Third Party Assessment of the Planning and Evaluation Systems of the Oklahoma State Department of Vocational and Technical Education, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1982 through 31 March 1983. (Project 763375 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Private and Other Non-Federal Research Contracts (contd)

\$23,899.00 - New Mexico Institute of Mining and Technology, Socorro, New Mexico, A Proposed Subcontract for Research on the Volcanic and Climatic Record of Antarctic Ice Cores, Institute of Polar Studies (E. Mosley-Thompson and D. H. Elliot), 1 January 1983 through 31 December 1983. (Project 763009 - Continuation)

\$23,550.00 - Iowa State University, Ames Laboratory, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 October 1982 through 31 March 1983. (Project 763374 - Continuation)

\$18,000.00 - American Heart Association, Central Ohio Heart Chapter, Inc., Columbus, Ohio, Atherosclerosis: Proliferation of Aorta Smooth Muscle Cells, Department of Physiological Chemistry and College of Medicine - Administration (D. G. Cornwell), 1 December 1982 through 30 November 1983. (Project 763366 - New)

\$17,620.00 - Upper Arlington Schools, Upper Arlington, Ohio, Career Education Intern Program, Academic Faculty of Special Services (J. J. Quaranta), 1 September 1982 through 1 June 1983. (Project 763378 - Continuation)

\$17,600.00 - Iowa State University, Ames Laboratory, Ames, Iowa, Elastic Wave Scattering by Flaws for Application in NDE, Department of Engineering Mechanics (V. V. Varadan and V. K. Varadan), 1 October 1982 through 31 March 1983. (Project 763372 - Continuation)

\$17,350.00 - Upper Arlington Schools, Upper Arlington, Ohio, Subcontract for Direct Services and Instruction for Upper Arlington City Schools Demonstration and Validation of a Comprehensive Career Education Project (USOE), Academic Faculty of Special Services (J. J. Quaranta), 1 August 1982 through 28 February 1983. (Project 763377 - Continuation)

\$16,000.00 - Eight Members of the National Alliance of Postsecondary Education Institutions/Districts, National Alliance of Postsecondary Education Institutions/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$9,714.00 - W. K. Kellogg Foundation, Battle Creek, Michigan, Kellogg National Fellowship Program, Department of City and Regional Planning (S. I. Gordon), 1 September 1982 through 31 August 1983. (Project 762906 - Continuation)

\$9,000.00 - Aga Khan Program for Islamic Architecture, Massachusetts Institute of Technology, Cambridge, Massachusetts, Equipment Purchase for East Indian/Bangladesh Islamic Architecture Photography Project, Department of History of Art (S. L. Huntington), 1 October 1982 through 30 September 1983. (Project 763349 - New)

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Private and Other Non-Federal Research Contracts/Grants (contd)

\$4,628.00 - Kansas State Department of Education, Topeka, Kansas, Funding Alternatives for Area Vocational Schools in Kansas, The National Center for Research in Vocational Education (R. E. Taylor), 13 December 1982 through 15 June 1983. (Project 763380 - New)

TOTAL - PRIVATE AND OTHER NON-FEDERAL AWARDS **\$1,108,166.65**

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$6,876.00 - Ohio Department of Transportation, Columbus, Ohio, for Extension 2 of "Guidelines for Left-Turn Treatments at Fully Actuated Signal Controlled Intersections," Transplex in the Department of Civil Engineering, October 1, 1982 through March 31, 1983. (EES 529091, Extension 2)

Industrial and Other Sponsored Research and Development

\$14,000.00 - ANACONDA Division of American Brass, Rolling Meadows, Illinois, for "Phase I: Laser Welding of Copper Alloys," Department of Welding Engineering, December 1, 1982 through March 31, 1983. (EES 529630)

\$82,721.00 - Thirty-seven sponsors for 43 development projects under the direction of 7 engineering departments and research areas.

**TOTAL - INDUSTRIAL AND OTHER SPONSORED
RESEARCH AND DEVELOPMENT** **\$96,721.00**

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

\$10,000.00 - U. S. Department of Agriculture, Agricultural Research Service, Washington, D. C., support of a study on comprehensive program planning and development for Food and Agriculture Higher Education Programs - Home Economics, December 1, 1982 to November 30, 1986. (Cooperative Agreement No. 58-32R6-3-156)

Gifts of \$5,000 or More

\$8,802.00	Ohio Florists Association, Columbus, Ohio
\$5,000.00	ICI Americas Inc., Wilmington, Delaware

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Gifts of \$5,000 or More

\$91,718.75	Wayne English, Washington, D. C., for Wayne G. English Fund.
\$57,339.23	Harry Ansel, Fort Lauderdale, Florida--\$28,669.62 for Mildred H. Ansel Scholarship Fund and \$28,669.61 for Harry R. Ansel Scholarship.
\$55,024.00	Shell Companies Foundation, Houston, Texas--\$17,524.00 for Shell Doctoral Fellowship; \$7,500.00 for Shell Companies Foundation Fund for Chemical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Metallurgical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Electrical Engineering; \$7,500.00 for Shell Companies Foundation Fund for Chemistry; and \$7,500.00 for Shell Graduate Aid for Computer and Information Science in Engineering.
\$36,955.88	Mrs. Horatio Ebert, Medina, Ohio, for Cancer Research.
\$30,269.07	Orlean Skelton, Washington, D. C., for Dental Alumni Loan Fund.
\$30,000.00	Yassenoff Endowment, Columbus, Ohio, for Yassenoff Chair - Philosophy.
\$22,000.00	Gynecic Research/Education Fund, Columbus, Ohio, for Education, Publication, and Research - OBS Fund.
\$17,253.56	Systems Associates, Columbus, Ohio, for Cardiology Support Fund.
\$17,248.00	General Motors, New York, New York, for General Motors Corporation Scholarship.
\$16,889.00	University Eye Surgeons, Inc., Columbus, Ohio--\$16,750.00 for Eye Bank Fund and \$139.00 for Ophthalmology Photography Fund.
\$14,325.00	Ruth Wilson, Westerville, Ohio, for James Hay and Ruth Wilson Professorship in Cardiology.
\$13,900.00	Ohio Dairy Farm Foundation, Inc., Columbus, Ohio, for Ohio Dairy Research.
\$13,500.00	Kellogg Foundation, Battle Creek, Michigan, for Kellogg-Jackson Fund.

February 4, 1982 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

\$12,500.00	Warner Amex Cable Communications, Inc., Columbus, Ohio, for College of Art Support Fund.
\$12,162.50	Joseph Cullman, New York, New York, for Cullman Symposium Fund.
\$12,000.00	Mead Johnson and Company, Evansville, Indiana, for Cardiovascular Research.
\$10,000.00	Center for Economic Education of Central Ohio, Columbus, Ohio, for Economic Education.
\$10,000.00	J. Dinius, Findlay, Ohio, for J. Parker and Kathryn Webb Dinius Fellowship.
\$10,000.00	Evans (Bob) Farms, Inc., Columbus, Ohio, for Chair in Food Industry.
\$10,000.00	Ohio Veterinary Medical Association, Second District, Botkins, Ohio, for Veterinary Medicine Services Fund.
\$10,000.00	Pulmonary Association, Columbus, Ohio, for Pulmonary Fund.
\$ 8,800.00	Phillips Petroleum Company, Bartlesville, Oklahoma, for Phillips Petroleum Company Fellowship.
\$ 8,000.00	Atlantic Rich Company, Los Angeles, California, for Arco Graduate Fellowship Fund.
\$ 7,280.00	Cincinnati Milacron, Cincinnati, Ohio, for Cincinnati Milacron Foundation.
\$ 6,100.00	Mario Fontana, Iron Mountain, Michigan, for Mars G. Fontana Endowment.
\$ 5,625.00	American Lung Association of Central Ohio, for Pulmonary Fund.
\$ 5,600.00	American Critical Care, Division of American Hospital Supply Corporation, McGaw Park, Illinois, for Research Foundation.
\$ 5,347.60	Antique Show and Sale, Columbus, Ohio, for Presidents Club Special Fund.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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| \$ 5,025.00 | Richard Goldthwait, Anna Maria, Florida--\$5,000.00 for Friends of Polar Study and \$25.00 for Faculty Club Building Fund. |
| \$ 5,000.00 | William Banks, Houston, Texas, for Torrence Makley Fund. |
| \$ 5,000.00 | Hans Bredemeyer, Springfield, Ohio, for Torrence Makley Fund. |
| \$ 5,000.00 | Walter Kidd, Baltimore, Maryland--\$2,500.00 for Architecture School and \$2,500.00 for OSU National Merit Scholarship. |
| \$ 5,000.00 | Landmark, Inc., Columbus, Ohio, for Professorship in Plant Protection. |
| \$ 5,000.00 | Jerrold Levin, Cincinnati, Ohio, for Torrence Makley Fund. |
| \$ 5,000.00 | Ohio Lions Eye Foundation, Columbus, Ohio, for Institute Research - Vision. |
| \$ 5,000.00 | Plaskolite, Inc., Columbus, Ohio, for Plaskolite Fund. |

Gift-in-Kind

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| \$22,100.00 | Glen Petry, Greenville, Ohio, Sarouk Persian Rug |
|-------------|--|

Establishment of Named Funds

The Martha Brian Fellowship in Journalism

The Martha Brian Fellowship in Journalism was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the OSU School of Journalism alumni, colleagues, friends and relatives, including Dr. and Mrs. C. J. Brian, parents of the late Professor Brian, and the family of her brother, Mr. and Mrs. C. J. Brian, Jr.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be added to the principal until the fund reaches \$60,000 or until February 1, 1984. At that time, the income is to be used to provide fellowship support for a Graduate Teaching Associate in the School of Journalism.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Martha Brian Fellowship in Journalism (contd)

The Fellows will be selected on the basis of past academic achievement and interest and ability in reporting. Also to be considered by the School of Journalism faculty selection committee will be the promise of success in the field of reporting and the potential for providing future leadership in journalism. The selection of the recipient is to be made by a committee of graduate faculty members of the School.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for journalism education.

The Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering

The Allan I. Gordon Undergraduate Scholarship for Study in Biochemical Engineering was established February 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Allan I. Gordon, B.Ch.E. '35, M.S. '39.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduates who are at least seniors majoring in chemical engineering and who have demonstrated an interest in organic chemistry, biochemistry, or biochemical engineering. Scholarship candidates should have demonstrated high academic achievement and preferably be a member of the Tau Beta Pi, the honorary engineering society. The selection of the recipient is to be made by the Dean of the College of Engineering upon the recommendation of the Chairperson of the Department of Chemical Engineering.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for chemical engineering education.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

The Jane S. Ward Medical Research Fund

The Jane S. Ward Medical Research Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in loving memory of Jane Struthers Ward by her husband, Vernon G. Ward, formerly of The Ohio State University Research Foundation and the Department of Aeronautical Engineering, by her daughter and husband, Susan L. and Gary J. Morgan, her son, David M. Ward, B.S., Biology, 1971, and his wife, Nancy M. Ward, B.S., Home Economics, 1971, and by other family and friends.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

Each year eighty percent (80%) of the annual income from the fund is to be used for the support of medical research in the area of cirrhosis of the liver and associated ascites, or other related medical areas. The remaining twenty percent (20%) is to be added to The Jane S. Ward Medical Research Fund principal.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for medical research.

The Francis R. Aumann Fund

The Francis R. Aumann Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends and associates of Emeritus Professor Aumann.

All gifts are to be invested in the University's permanent endowment fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the case dictates.

The annual income is to be used to aid students at The Ohio State University Department of Political Science particularly to promote and reward excellence in scholarship, and to promote the academic goals of the department as determined by the chairperson.

Should the need for the Francis R. Aumann Fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for political science education.

February 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Seneca Buckeye Alumni Scholarship Fund

The Seneca Buckeye Alumni Scholarship Fund was established February 4, 1983, by the Board of Trustees of The Ohio State University with gifts from alumni and friends of Seneca County to The Ohio State University Development Fund.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from Seneca County enrolled in The Ohio State University. The selection of the recipient is to be made by the University Committee on Student Financial Aids upon recommendation of a selection committee from the Seneca County Alumni Club.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS**

Resolution No. 83-80

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9)

Synopsis: Authorization to employ an engineering firm and request construction bids is proposed.

WHEREAS The Ohio State University has been selected by the U. S. Department of Energy to receive funding under Title III Cycle IV of the Department of Energy's Federal Institutional Grants Program; and

WHEREAS this grant will provide fifty percent funding for the energy modification project for the Laundry Building, with the other fifty percent being funded from the University's Office of Business Management for a total project cost of \$54,350; and

February 4, 1983 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS (contd)**

ENERGY MODIFICATIONS - LAUNDRY BUILDING (ECM 9) (contd)

WHEREAS this energy conservation measure provides for the installation of heat recovery coils in the boiler stacks at the Laundry, which lowers the temperatures in the existing stacks, thus prolonging the life cycle usage of same while providing a source of recoverable heat to be utilized in preheating domestic water requirements at the laundry units with a payback in approximately two years and nine months:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to proceed to select a qualified engineering firm for this project in conjunction with the Department of Administrative Services and that the fees for this engineering service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to proceed to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-81

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

**MOLLY CAREN AGRICULTURAL CENTER, FARM SCIENCE REVIEW SITE -
ELECTRICAL DISTRIBUTION SYSTEM**

Project: Install primary and secondary electrical power distribution system to provide electric service for the Farm Science Review operation.

Funding: Local University line of credit

Estimated Project Cost: \$300,000.00

February 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

**MASONRY REPAIRS - MANSFIELD REGIONAL
CAMPUS AND LIMA REGIONAL CAMPUS**

Project: Due to deterioration, repairs are necessary to exterior masonry of Ovalwood Hall at the Mansfield Regional Campus and Galvin Hall at the Lima Regional Campus.

Funding: H.B. 552, Branch Campus - Utilities and Renovation

Estimated Project Cost: \$173,000.00

**ROOF REPLACEMENT AND REPAIRS - REGIONAL CAMPUSES
LIMA TECHNICAL BUILDING AND MARION TECHNICAL BUILDING**

Project: Due to weather related deterioration, two roofs over the main building and the equipment room at the Lima Technical Building need to be replaced.

Also, louvers and flashing on the north and south walls of the Mechanical Room at the Marion Technical Building need to be repaired, replaced, and reinstalled.

Funding: H.B. 552, Branch Campus - Utilities and Renovation

Estimated Project Cost: \$160,000.00

ELECTROSCIENCE LABORATORY - STORAGE ROOM ADDITION

Project: Due to construction of a new generation of precision radar measurement research facility, additional space is necessary for location of peripheral equipment and target models.

Funding: Budget Account 885188

Estimated Project Cost: \$56,197.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

February 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

Mr. Jackson:

Mr. President, Dr. Firebaugh is here with an overhead view of the Farm Science Review which had some discussion this morning--if it is the pleasure of the Board to present that.

President Jennings: Dr. Firebaugh.

Dr. Firebaugh:

Mr. Chairman, Members of the Board of Trustees, and President Jennings. We are pleased with your continued interest in Farm Science Review and in our relocation at the Molly Caren Agricultural Center. Craig Fendrick, who is our manager for the Farm Science Review, has turned on the overhead, if you would direct your attention there. You will recall the site is in Madison County and the work that has been done so far is primarily in the region south of 70 and north of 40. The electrical work which you are about to vote on will be for the improvement in the exhibit area. I wonder if there are specific questions that Craig or I might address in relation to this overall plan. I should add that our current use of the facility will be for Farm Science Review. We are taking a still longer range look at the site for possible additional uses of the Center but our initial use will be for Farm Science Review and Craig and I would be happy to address any specific questions.

Mr. Havens: What is the access point off of Route 70?

Dr. Firebaugh: Craig, would you show the other transparency and give the access point?

Mr. Fendrick:

The access point actually off of 70--the access to the Review site is truly off of U. S. 40. We will access at 42 and 70 and 56 and 70, so that access points will actually come from 70 to the old National Road.

Dr. Firebaugh: Are there other questions that we might address?

President Jennings: I think that is all.

Dr. Firebaugh: We will look forward to seeing you at the Farm Science Review.

President Jennings: I bet I know at least one that will be there.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous roll call vote.

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February 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-82

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

BULK CHEMICAL WAREHOUSE

Description: This project will provide space to house a bulk chemical warehouse, laboratory reagent manufacturing facility, and a low-level radioactive waste processing facility to prepare the materials for shipment to disposal sites in accordance with Federal and other regulations.

General Contract

Date Received:	November 30, 1982
No. of Bids:	13
Low Bid:	\$ 575,900.00
High Bid:	\$ 709,925.00
Estimate of Cost:	\$ 644,494.00
Awarded to:	M & P Construction Co., Inc., Blacklick, Ohio

Plumbing Contract

Date Received:	November 23, 1982
No. of Bids:	8
Low Bid:	\$ 88,600.00
High Bid:	\$ 123,700.00
Estimate of Cost:	\$ 108,806.00
Awarded to:	Radico, Inc., Columbus, Ohio

February 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BULK CHEMICAL WAREHOUSE (contd)

Fire Protection Contract

Date Received:	November 23, 1982
No. of Bids:	6
Low Bid:	\$ 127,254.00*
High Bid:	\$ 181,900.00
Estimate of Cost:	\$ 126,174.00
Awarded to:	Capital Fire Protection Co., Columbus, Ohio

Heating, Ventilating and Air Conditioning Contract

Date Received:	November 23, 1982
No. of Bids:	9
Low Bid:	\$ 335,290.00
High Bid:	\$ 446,515.00
Estimate of Cost:	\$ 353,000.00
Awarded to:	Radico, Inc., Columbus, Ohio

Electrical Contract

Date Received:	November 23, 1982
No. of Bids:	11
Low Bid:	\$ 167,761.00
High Bid:	\$ 249,000.00
Estimate of Cost:	\$ 217,050.00
Awarded to:	Seco Electric Co., Columbus, Ohio

*Fire Protection Contract is in excess of filed estimate of cost; however, the total price of all contracts is within the total estimate of cost and is recommended for award as provided by Section 153.12 of the Revised Code.

February 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

BULK CHEMICAL WAREHOUSE (contd)

Total All Contracts:	\$1,294,805.00
Total Contingency Allowance:	\$ 69,431.02 which is 5 percent of construction contract
Total Project Cost:	\$1,539,409.82
Funding:	Budget Account 882046

CANCER INSTITUTE HOSPITAL (SANITARY SEWER RELOCATION)

Description: To prepare the site for the actual construction and to alleviate the limitations to pedestrian and vehicular movement to and from the University Hospital and adjacent buildings. This will relocate the sanitary sewer from the building site without interruption of existing service.

General Contract

Date Received:	December 8, 1982
No. of Bids:	4
Low Bid:	\$51,170.00
High Bid:	\$73,300.00
Estimate of Cost:	\$55,000.00
Awarded to:	Complete General Construction
Total Contract:	\$51,170.00
Total Contingency Allowance:	\$ 5,117.00 which is 10 percent of construction cost
Total Project Cost:	\$67,373.50
Funding:	Am. Sub. H.B. 552

February 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

**OHIO UNION PARKING RAMP - INSTALLATION OF NEW
13.8KV ELECTRICAL SERVICE**

Description: Installation of primary 15KV 3-phase electrical service from Sullivant Hall. By transferring this electrical load from a direct utility company service to the University's distribution system, it is estimated that a \$9,000 annual savings will be made.

Electrical Contract

Date Received:	December 1, 1982
No. of Bids:	7
Low Bid:	\$35,985.00
High Bid:	\$59,990.00
Estimate of Cost:	\$38,150.00
Awarded to:	Frush & Homan, Columbus, Ohio
Total Contract:	\$35,985.00
Total Contingency Allowance:	\$ 4,800.00 which is 5 percent of construction contract
Total Project Cost:	\$43,137.90
Funding:	Budget Account 885178 (Local)

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS

Description: Remove all sealant from around all masonry openings and reseal with an elastomeric sealant. Cut out all stone to stone, stone to brick, stone to metal and brick to metal joints and reseal. Cut a control joint on the north elevation of the building and seal with an elastomeric sealant. This will make the building weather tight and prolong the life of the building.

General Contract

Date Received:	November 17, 1982
No. of Bids:	8
Low Bid:	\$13,350.00
High Bid:	\$21,612.00
Estimate of Cost:	\$20,600.00
Awarded to:	Charbetz, Inc., Columbus, Ohio

February 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

FONTANA LABORATORY - EXTERIOR MASONRY REPAIRS (contd)

Total Contract: \$13,350.00
Total Contingency Allowance: \$ 3,184.64 which is 24 percent of construction contract
Total Project Cost: \$17,500.00
Funding: Budget Account 210134 (Local)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

President Jennings:

Mr. Jackson there was a question on the contingency on the Fontana Laboratory. Perhaps you would respond to that at this stage.

Mr. Jackson:

I will attempt to respond. The reason that the contingency is of the magnitude that it is, is because the people who are responsible for this--these plans and specifications were put together late last year--and with another winter and with the bids it was hoped that after examination if there was additional damage as a result of the additional freezing and thawing that this would give them an appropriate contingency with which to expand the contract if appropriate. If additional work is not required then obviously the additional funds would not be expended but it really was the addition of another winter that was causing the size of that particular contingency.

President Jennings: Mr. Havens?

Mr. Havens: I accept that.

Upon motion of Mr. Havens, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

President Jennings:

Mr. Chairman, I think it is very important to note that in the contracts awarded for the Cancer Institute to clear the ground. As you know, the Governor referred to the escalating medical costs in this state in his Tuesday's speech which we are all very conscious of and spoke of a moratorium on hospital construction throughout the state. I think it is very important to note that the Cancer Institute is a research facility and that it has already begun and that that moratorium would not apply to this facility.

--O--

February 4, 1983 meeting, Board of Trustees

**SALE OF PROPERTY - 116.2 ACRES (HENDERSON FARM)
PLEASANT TOWNSHIP, FRANKLIN COUNTY, OHIO**

Resolution No. 83-83

Synopsis: Sale of the University's interest in the remaining 116.2 acres of the Henderson Farm in Pleasant Township of Franklin County is proposed.

WHEREAS on September 3, 1982, the Board of Trustees authorized the sale of the University's interest in the remaining 116.2 acres of the Henderson Farm to the Board of Park Commissioners of the Columbus and Franklin County Metropolitan Park District; and

WHEREAS the Board of Park Commissioners has subsequently expressed the desire that title to this property be taken by The Nature Conservancy and The Nature Conservancy, contingent upon The Nature Conservancy receiving an assignment from the Board of Park Commissioners, has offered to purchase the property at the same price (\$255,600.00) and on the same terms and conditions as were previously authorized by this Board; and

WHEREAS it is the desire of this Board to accept the offer of The Nature Conservancy and sell all of this Board's right, title, and interest in and to the 116.2 acre portion to The Nature Conservancy; and

WHEREAS the Treasurer of the University, as Trustee for the Margery W. Henderson Charitable Remainder Annuity Trust, also has agreed to sell the Trust's interest in the 116.2 acres to The Nature Conservancy, is in agreement as to the selling price, and has authorized the University to proceed on his behalf:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to sell, in the name of the Board of Trustees of The Ohio State University, all of the University's right, title and interest in and to the remaining 116.2 acre portion of the Henderson Farm to The Nature Conservancy.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted with eight affirmative votes and Mr. Galbreath abstaining.

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**EASEMENTS
OHIO POWER COMPANY
UNITED TELEPHONE COMPANY OF OHIO**

Resolution No. 83-84

Synopsis: Renewal of utility easements on the Lima Campus are proposed.

WHEREAS in 1967 the University granted to United Telephone of Ohio and Ohio Power Company easements, 3967.22 feet in length and 45 feet wide, on the west side of Mumaugh Road on the Lima Regional Campus for the purpose of servicing University buildings; and

February 4, 1983 meeting, Board of Trustees

**EASEMENTS
OHIO POWER COMPANY
UNITED TELEPHONE COMPANY OF OHIO (contd)**

WHEREAS these easements expired on November 12, 1982, and the University has received requests from the Ohio Power Company and United Telephone Company of Ohio to renew the easements for a period of fifteen years upon the same terms and conditions as the original easements; and

WHEREAS the standard rate for consideration of said easements recommended by the Department of Administrative Services is \$1,115.85; and

WHEREAS the utility lines for which the easements are requested serve only University facilities; and

WHEREAS the appropriate University agencies have recommended that these easements be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easements.

Upon motion of Mr. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous roll call vote.

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-85

RESOLVED, That the report on the University's Investment Portfolio, dated January 21, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Friday, March 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 4, 1983

The Board of Trustees met at its regular monthly meeting on Friday, March 4, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Vice Chairman, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

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March 4, 1983 meeting, Board of Trustees

Dr. Jacob, Vice Chairman, called the meeting of the Board of Trustees to order at 11:50 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, D. James Hilliker, Daniel M. Galbreath, Edmund C. Redman, John W. Berry, and Shirley D. Bowser.

--O--

Dr. Jacob, Vice Chairman, reconvened the meeting at 1:30 p.m., and called on President Jennings to present his agendas.

President Jennings:

Yes, thank you, Mr. Chairman. I would like to call on Vice President Diether Haenicke to report on the graduate-professional education ratings that were recently completed at the national level.

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES

Dr. Haenicke:

Mr. President, members of the Board, I would like to give you a brief report on the charts that you will find assembled in the blue folder that by now should be in front of your seats, and let me make the following observations.

Once during every decade, the American academic community engages in a widely debated ritual called 'A Rating of Graduate Programs.' These ratings are sponsored by different agencies. A report produced by Roose-Anderson and sponsored by the American Council on Education was issued some ten years ago and hotly debated at the time, but provided for many years the basis for a reputational assessment of Ph.D. programs in this country.

The latest attempt to rate Ph.D. programs was sponsored by the Conference Board of Associated Research Councils, which included the American Council on Education, the National Research Council, and the Social Science Research Council. This study 'focuses only on programs awarding research doctorates and their effectiveness in preparing students for careers in research. . . . Other purposes of graduate education are acknowledged to be important,' but they are not considered in this assessment.

Disciplines were chosen from the biological, mathematical, physical, social, and behavioral sciences; the arts and humanities; and engineering. The disciplines included were chosen primarily on the basis of the number of doctorates produced. They finally chose 32 disciplines. Ohio State offers Ph.D.s in 84 separate programs of which 38 were assessed. The reason the number of Ohio State programs included exceeds the number of disciplines is that in some of the physical and biological sciences we have more than one program related to a given discipline.

March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

Dr. Haenicke (contd):

Examples: Botany and Plant Pathology
 Biochemistry and Physiological Chemistry

In each discipline, programs invited to participate in the study were those that accounted for at least 90 per cent of the doctorates awarded in that field FY 1976-1978. This means that all of the large major comprehensive universities like Ohio State were involved, as well as many of the smaller more specialized universities and institutes like the California Institute of Technology.

In contrast to the Roose-Anderson study (1970) that focused solely on subjective reputational ratings, this study provided 12 measures for all disciplines.

- Three measures on the size of each program in terms of faculty, current enrollment, and number of recent Ph.D. graduates.
- Four measures of characteristics of those program graduates.
- Four questions asking the faculty invited to rate each program about their perceptions of the quality and effectiveness of the program, recent change in the quality of the program, and their degree of familiarity with the program.
- An index of Library size.

In addition, for the sciences and engineering there were:

- 2 measures of research support and
- 2 measures of publication.

Each participating university was invited to recommend members of its doctoral faculty in each discipline to serve on that discipline's panel of reputational raters. No rater rated his own program.

The relative rating of our University in this latest study has attracted the attention of the local press and has led to significant debate among the faculty and various other groups on campus. Although the authors of the study warned against focusing on a single program measure, the interest in the public and the academic media--as expected--has focused on measure 8: 'The scholarly quality of program faculty.' It should be understood that among all the 'reputational' measures this one, the quality of the doctoral faculty, draws the most intensive discussion in academic circles and is probably at the same time the most difficult one to document. However, the reputations of departments are largely based on this measure.

March 4, 1983 meeting, Board of Trustees

**AN ASSESSMENT OF RESEARCH-DOCTORATE
PROGRAMS IN THE UNITED STATES (contd)**

Dr. Haenicke (contd):

We believe that, unless they have direct knowledge, graduate students choose departments more frequently than not with regard to this particular aspect; and we similarly believe that faculty advising undergraduates about taking graduate studies at other institutions are largely guided by this reputational factor, I am, therefore, basing this presentation today exclusively on this particular aspect.

The following nine charts which you will find in the booklet on your desks have been compiled by Dean Poland of the Graduate School, and I would like to offer some brief comments on each of the charts.

1. This chart presents a summary showing the overall ratings for the Big 10 universities and the universities in the State of Ohio together with the number of programs rated in each university. The summary shows that Ohio State and six of the nine other Big 10 universities have overall ratings of 'good' across the whole spectrum of disciplines rated. The highest possible rating any program could receive was 'distinguished,' which necessitated a mean rating of 4.6 or better. The highest possible rating was 5.

What this chart further shows is that The Ohio State University had more programs rated than any other university represented in this table. It also clearly indicates that it has the strongest academic programs of all universities in this state.

2. Chart 2 shows the ratings of Ohio State's individual programs. Of the 38 programs rated, two are considered strong, 23 are rated good, and 13 are rated adequate. I think we can take particular pride in this assessment which tells us that not a single one of our Ph.D. programs has a reputation of being marginal and that the majority of them are considered 'good' or 'strong.'
3. Chart 3 shows a comparison of overall Big 10 rankings based on ratings from the Roose-Anderson report (1970) and this new study. What it shows is that the general scene, as far as reputational rankings in the various disciplines go, has remained significantly stable.

The next five charts are graphic displays of our programs by college or discipline groupings. Each display shows Ohio State's reputational rating in the context of the highest and lowest rating for that discipline within the Big 10 universities.

4. Chart 4 shows the various disciplines grouped under the arts and humanities. In eight out of nine fields we are well within the envelope of our sister institutions.

March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

Dr. Haenicke (contd):

5. Chart 5 shows the basic life sciences. Here the picture is slightly different. In six out of nine fields we find ourselves outside the envelope of our sister institutions. However, we should note that even in this area, two programs are rated 'good' and the other four are rated 'adequate.'
6. Chart 6 shows a very positive picture of the mathematical and physical sciences. Each and every one is well within the envelope of the Big 10 with chemistry rated very high.
7. Chart 7 shows the social and behavioral sciences which house geography, one of the two departments in the University rated as strong. Again, all departments rated are well within the envelope of the sister institutions with the exception of anthropology; but again note that the Anthropology Department is rated adequate in the overall assessment.
8. Chart 8 shows the doctoral programs rated in the College of Engineering. Again, the picture is most pleasing since all of our programs are well within the envelope.

As I said in the beginning, the reputational ratings are very difficult to substantiate and document, and it is nearly impossible to achieve broad consensus on these ratings in the academic world. The temptation to use these 'ratings' and change them into 'rankings' will always remain strong. I would, and so would most of my colleagues, discourage a straight-out 'ranking' of universities or even particular disciplines based on this one selected reputational measure. The range of measures used in this particular survey is broad, and it takes significant statistical knowledge and sophistication to interpret the very complex data compiled in these five volumes.

What is perhaps a good question to ask at the end of these observations is: 'In what group of universities are we settled if we look at the overall picture of institutions of higher learning in the United States?' For this purpose, Chart 9 is included with a statement from John Williamson in the *Miami Herald*. If one were to pick the top 30 U. S. universities (and let us remember that we are now talking about close to 200 *bona fide* universities in this country), the name of our university would, in the opinion of most serious scholars, typically come up in such a list. The chart with the title 'Pecking Order of the Elite' gives a suggested picture of the leading research institutions in the nation, Ohio State University being one of them. As you study the list you will see that it includes the names of the famous private institutions whose history extends much further into the past than ours, whose funding is very different, and whose mission clearly differentiates them from ours. I think we can take significant pride in the fact that if you separate the private from the public institutions we are clearly among the country's most prominent public land-grant institutions.

March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

President Jennings:

Mr. Chairman, I asked our people to put this together so that we could attempt to put The Ohio State University in a context where we stand not only regionally, but nationally. It is important to emphasize the caveats that Diether has put on this; this is--these are very difficult items to measure. As I am sure first of all, all of you are aware now, while this was 32 programs, it's enormously important to recognize that this is less than half of the graduate programs at Ohio State University, that even this analysis does not include the extent, the extensive nature of Ohio State. I think it is also important as Diether mentioned that of--in Chart 9, of the thirty universities mentioned in Chart 9 roughly fifteen are private institutions or roughly half are private institutions, with a substantially, substantially different mission and responsibility than exists in the public sector. It is enormously important to recognize that when you are ranking graduate schools and when you rank schools like Ohio State and another private institution, we are an institution with roughly 47,000 undergraduate students compared to some of the lesser institutions on the east coast that you see there, you couldn't put three or four of them together and get that many undergraduate students--very important to recognize that as well as the private activity. Terminology is also important. You heard Dr. Haenike mention the 'adequacy' of several programs; the term 'adequate' was used. But that is 'adequate' within a context of the major universities of America. It is not within a context of 'adequate' within the industry of higher education, it is within the major, major institutions of America. To be adequate in--with that sort of competition from Harvard and Yale--and Case Western here in our own state of Ohio, Cal Tech, Berkeley, Stanford and so on, is adequate is perhaps a poor choice of words within that context. It is also, I think, enormously important to emphasize that this has been indeed an independent rating, this is not Ed Jennings or Ohio State or this Board or Diether saying this. This is the United States and the academic community saying this. This is not self aggrandisement, this is an independent study that Diether--mentioned he would not have been allowed to rank Ohio State's German Department; had business been included I would not have been allowed to rank Ohio State's business program. This is--and in that context it does represent the peer review, and that we can be extremely proud of this situation; these are fine distinctions. There are many distinctions to be made but clearly Ohio State is in a group of major universities in the United States which indeed implies in the world, and I frankly think we can be enormously proud of what has come out of this situation, particularly considering the public nature, the heavy undergraduate activity, our sheer size, and the competition with which we were compared. I frankly think this is a--we should all recognize that is indeed a great university and this independent ranking confirms it.

If there's no more questions we now get an opportunity to have that confirmed further. The College of Medicine was not part of this as were several of the professional schools were not part of this, but I have asked Jim Garland and Manny Tzagournis to give you a brief update on what I think is--can be--one of the most exciting innovations in medical technology that we have seen in many, many

March 4, 1983 meeting, Board of Trustees

AN ASSESSMENT OF RESEARCH-DOCTORATE PROGRAMS IN THE UNITED STATES (contd)

President Jennings (contd):

years or will see in many years to come, and Ohio State is part of this because of its excellence in the College of Medicine. But I also might add Jim, I don't mean to leave you out in physics and chemistry, etc. Can you tell us, Jim, about Nuclear Magnetic Resonance--have I got it right?

NMR SCANNER

Dr. Garland:

Thank you. It's a pleasure to come before you all and tell you about our new plans in this area. Basically, the reason I am here is to announce the University's intention to make a major commitment to a new area of medical research. The area is known as Nuclear Magnetic Resonance Imaging or NMR Imaging; and as President Jennings said, it is a brand new development in medical technology and in the written field of Radiology. There has been enormous interest, very recently, in the medical community and also in the public about this new technology, and I thought I'd just read you a sentence from a recent article in the *New York Times*, which says (this is a few weeks ago) 'Radiologists say they have developed another revolutionary technique for medical diagnosis that they expect to perform significantly better and more safely than the advanced CAT scanners that overtook the field only a decade ago.' I discovered when reading accounts of this that the word 'revolutionary advances' is almost inevitably used, and I think it is important to understand that we are not talking about just another medical doo-dad, this is really a significant step in technology. The technology is so new that it has not yet been approved for clinical use by the FDA. Our interest at Ohio State in this technology is because of its research use in the health sciences, also in the biological sciences, and as President Jennings alluded to, even in the physical sciences. I think in future years there is no question that this technique is going to have widespread clinical application, but our immediate interest is in its research use.

Now, as part of our commitment to the new area, we are purchasing a new instrument, called an NMR scanner, which is used to obtain images of the internal parts of the body. We've evaluated the bids from the handful of manufacturers that make these scanners, and it appears that the low bidder is the Technicare Corporation of Cleveland, Ohio. Technicare is a subsidiary of the medium-sized, high technology medical instrument company, it is a subsidiary of Johnson & Johnson. I want to stress that our proposed arrangement with Technicare encompasses far more than just a purchase agreement. We really envisage establishing a relationship with this company to do research for them in the whole area of nuclear magnetic resonance technology.

Now, let me show you what one of these machines looks like. Here, I think I just pushed the button. Superficially, you see it resembles a CAT scanner, for those of you that have seen a CAT scanner. It has a large gantry and then there is a housing for the patient, who then slides inside this housing. That housing does not

NMR SCANNER (contd)

Dr. Garland (contd):

contain x-ray tubes as a CAT scanner does, it contains a large electromagnet. The electromagnet is actually made out of a superconducting wire, it's a niobium titanium alloy and it's kept cold by being immersed in a bath of liquid helium at a temperature of about 4° above absolute zero. The output of the machine appears on a video screen and this part of it resembles what you might see in a CT scanner, although the resemblance is actually, if you'll forgive the expression, skin deep. I think the internal workings of the machine are quite different.

Now, before showing you a little more about this technique, I would like to introduce you to a couple of individuals who have been instrumental in putting together this new area of research at Ohio State. You know Dean Tzagournis, so I won't bother to introduce him to you; but you may not know Dr. A. J. Christoforidis, who is the new Chairman of Radiology at Ohio State; and I'd also like to introduce (if I can find him) Dr. Arny Deutchman, behind you, who is a new Assistant Professor of Radiology; he has been very interested in this technique. And then finally, we've recently hired a new faculty member at Ohio State to direct our program in NMR imaging and that's Dr. Bill Hunter. In fact, I would like Bill to come up here for a minute. I think it's appropriate to use him as a test case. I would like to show you a photograph of Bill on the next slide that is taken with one of the Technicare machines. That is obviously the side view of his head (I think you can see the resemblance). I'd like to stress now that this is not the kind of photograph that you would see with an x-ray machine. In a conventional x-ray that we are accustomed to seeing, what you see is the whole side view of a person's body superimposed on each other. What you are seeing in this photograph, if you look at Bill for a second here, is about a two millimeter wide slice down his head, from back to front. It is an extraordinary resolution. Now notice that the image that you see shows very clearly the distinction between gray tissue and white tissue in the brain, it shows the ventricles of the brain. I think you can appreciate with the kind of resolution that is attainable in this technique that its applicability in cancer research for the diagnosis of tumors; in cardiology, we can also take photographs of the heart; in (as you will see in a little bit) arthritis research, physical medicine and sports injuries, in almost the whole area of medical research this type of diagnostic tool provides a significant major advance. It's possible to measure fatty deposits on the walls of an artery; it's possible to apply chemotherapy to a cancer patient, and instead of waiting months to see the results of the chemotherapy you can see the results in a matter of days. To the best of our knowledge it is a safe technique, there is no x-radiation involved in it.

Next slide shows a picture of the spine (this is Bill's spine, I believe) and you can see the spinal cord, in essence you are looking through the spine and the spinal cord. Again, this technique is very valuable in looking at soft body tissues. It is an area in which traditional x-ray techniques simply do not work.

Then in the next slide, here is a picture of knee joints. And it can show the cartilage and the tendons connected to the knee; it can show inflammations. Again, this is a kind of picture that really is not possible to obtain by other types of techniques.

NMR SCANNER (contd)

Dr. Garland (contd):

Just to give you one other idea of this technique, I am going to show you a few seconds of a video tape, let's see if you can turn this off and put on the video tape. Now, this is going to be a series of head shots that were taken with--I think this is Bill's head again. What you are going to see is a top view of his head and also side view and back views, and this was all taken from one scan of the machine, so this kind of information is stored in the computer memory. OK, now you see in the upper left there, that is going to be the top view, side view is on the right, and on the bottom is a back view. OK, now we are going to show the top view and now here is the bottom of Bill's head and now we are moving up through the top, as you can see, that's right, and sliding up. And now there you see his nose is beginning to appear. OK, now you'll see ears beginning to show, and now there comes the brain and you'll see the--you saw the spinal cord down at the bottom.

Dr. Deutchman: These are one millimeter thick slices.

Dr. Garland:

That's right. One millimeter thick. OK. Now, there are the ventricles in the brain in the center there, two sides of the brain. OK, now we are moving up through the top. It is black hair. OK, now here is a side view going from one side to the other. In one ear and out the other, that's right, here we go, there's his right eye, and we'll see his nose begin to appear, left eye. You can imagine if Bill had a brain tumor we'd be able to see it instantly on this type, no invasion of the body at all. And now, here is a back view, back to front, OK. This is a fairly low resolution image. Here we come starting at the back, OK, the back of his skull moving towards the front and you can see the spinal cord developed there. OK, there it is, the spinal cord. Ear is coming out, moving towards the front, now you see the mouth cavity, there are the back of the eyes. OK, that is enough of the video tape. It is also possible--someone get the projector there. Turn the lights on if you would. There are other things that we haven't shown you on the machine. You can construct what are called real-time images; you can see a heart beating. It's possible, for example, to see the arteries in the heart dilate right before the heart muscle contracts and you can see damaged heart valves, you can see arterial damage. It is also possible to have the computer construct three-dimensional images and then rotate those images so that you can get perspective views of it. It's an extraordinary--I think you will agree it's an extraordinary technique.

Now, a few details about our--about the purchase of the machine. The list price of one of these machines that we are interested in is around somewhere between \$1.5 and \$1.8 million. Now, we are buying this as a package with some other medical instruments that have been approved by the University Hospitals for some time, and by buying it as a package we are able to effect a substantial discount. I don't know how much precisely, because we don't--in the package we don't break it down on an item by item basis, but it's a savings on the order of half of what the actual retail price of the machine is. In the negotiated agreement

March 4, 1983 meeting, Board of Trustees

NMR SCANNER (contd)

Dr. Garland (contd):

a research--mutual research contracts are part of the agreement. I want to stress again that's very important to us at Ohio State. Also mention that this instrument is being paid for out of University funds, and not patient charges, and that's important to assure its use as a research instrument. And we have also been promised very early delivery on the instrument by the corporation. Our agreement contains an option to buy a second generation machine down the road several years at a very favorable price. Now, we are still working out the details of where we are going to locate this machine. There are three possibilities currently under consideration. One in Means Hall, one in University Hospital, and the other in Wiseman Hall. We are working with the Technicare people to decide what the optimal site is. As it turns out there are fairly stringent technical requirements on the location of the site for this type of instrument.

I might also mention that there are only a handful of other institutions in the country that have machines of this sort, but to my knowledge none of them will really have as sophisticated a machine as will be acquired at Ohio State. Massachusetts General Hospital has one, University of Pennsylvania, Case Western Reserve and the Cleveland Clinic have them because of their close proximity to Technicare which is in Cleveland. And University of California-San Francisco has one. There are probably a hundred others, machines on order now by universities and hospitals around the country, even though they are not yet approved for clinical use on patients. I think you will be hearing a lot more about this technique in the months and years to come, but I thought you might be interested in getting a preview at this time. Thank you.

President Jennings:

Thank you Jim. That is--it is very exciting, I--as you saw--and please--they can all do better, but this is, I think truly describes when we in the academic world talk about the cutting edge of research and basic research. This is the type of activity that our people all over the institution are exploring. The soft tissue is, perhaps, at least in my mind, the most impressive aspect of this is where the exploratory surgery could become less frequent than is the case. Just as important is the relationship being developed on a business--industry and research activity that you bring together a university and a major high technology corporation, in this way it does represent some of the fruits of what we have been talking about for quite a long while, and I look forward to many, many more of these relationships that can develop. Very impressive Jim, Manny, I still can't pronounce it--but this is the type of thing that will push those ratings that you saw on the half hour ago even further, further up because it can become enormously important in years to come. We thank you folks for that, very impressive, very impressive.

--O--

March 4, 1983 meeting, Board of Trustees

**ADDITION OF NEW RULE AND AMENDMENTS TO
RULES OF THE UNIVERSITY FACULTY**

Resolution No. 83-86

Synopsis: Addition of new rule 3335-5-452 and Amendments to rules 3335-5-21, 3335-9-04, 3335-9-06, 3335-9-10, 3335-9-25, and 3335-9-30 are presented for adoption.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of new rules and amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on February 12, 1983, as follows:

NEW RULE

3335-5-452 Secretary of the university senate.

- (A) The secretary of the university senate shall be a tenured member of the regular faculty, appointed by the president from three nominees submitted by the steering committee. The term of office shall be for three years. Prior service as secretary need not preclude nomination to this office. During the term of office the secretary shall be reassigned for fifty per cent of time to the office of the university senate.
- (B) The responsibilities of the secretary of the university senate will be to:
- (1) Coordinate the responsibilities of the office of the university senate as described in rule 3335-19-09 of the Administrative Code.
 - (2) Issue notification of senate meetings, agenda, and reports of senate actions in accordance with rule 3335-19-11 of the Administrative Code.
 - (3) Serve as a voting member of the program committee and the rules committee and an ex officio, non-voting member of the steering committee of the university senate.
 - (4) Serve, upon request, as a resource person for duly established university and senate committees.
 - (5) Keep the records of the meetings of the university senate and furnish to the president for report to the board of trustees all matters passed by the university senate requiring board of trustees approval or action.
 - (6) Serve as secretary of the university faculty in accordance with rule 3335-5-21 of the Administrative Code.

**ADDITION OF NEW RULE AND AMENDMENTS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

AMENDED RULES

3335-5-21 Secretary.

The secretary of the university faculty shall be the secretary of the university senate (in accordance with rule 3335-5-452 of the Administrative Code). The secretary shall keep the records of the meetings of the university faculty and shall furnish to the president for report to the board of trustees all matters passed by the university faculty requiring board of trustees approval or action.

3335-9-04 Specific admission requirements.

- (A) Undergraduate student. For admission as a regular undergraduate student, a candidate must be a graduate of a high school (or equivalent preparatory school), or must have passed equivalent entrance examinations. For unconditional admission the candidate must present a minimum of fifteen high school units distributed in accordance with a preparatory curriculum approved by the university faculty and must meet the special requirements of the college or school the candidate desires to enter, subject to such deficiencies (or conditions) as that college or school may permit (see also rule 3335-9-24 of the Administrative Code). The preparatory curriculum is not required for the unconditional admission of regular undergraduate students with high school graduation prior to April 1, 1984.

For admission as a special undergraduate student, a candidate must satisfy the vice president for academic affairs and provost, or designee, that the candidate is qualified to undertake the special program desired.

- (C) Professional student. A candidate for admission as a regular or special student in a professional program must meet the pre-professional requirements of the school, college or division of a college the candidate desires to enter. If the candidate does not meet the pre-professional requirements, the candidate may be admitted subject to such deficiencies (or conditions) as that school, college or division of a college may permit.
- (D) Transient student. To be considered for admission as a transient student, the candidate must present a brief, definite program endorsed by the president or dean of the student's university or college. Where this and all other pertinent matters are satisfactory to the director of admissions, the candidate may be admitted unless there is objection by the college, school or division of which the candidate seeks admission.

3335-9-06 Admission to advanced standing.

- (A) An applicant presenting credentials for admission to advanced standing as an undergraduate student will in general be refused admission unless the applicant's record is at least "C" as an average of all courses undertaken.

**ADDITION OF NEW RULE AND AMENDMENTS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

- (B) The director of admissions may admit an applicant who does not fully meet this standard, provided the applicant's record is one that shows progressive improvement and provided the total credits allowed shall not be more than one-half the credit points counted on the applicant's complete record.
- (C) An undergraduate applicant having fewer than ninety transferable quarter credit hours at the time of first enrollment shall be subject to the provisions of rules 3335-9-04 (A) and 3335-9-25 (B) of the Administrative Code.

3335-9-10 Removal of entrance conditions.

Entrance conditions assessed against students at the time of admission or transfer to a college may be removed by the assistant vice president for registration services, when the dean of a college in which the conditioned student is registered has certified to the director of admissions that the deficiencies have been made up. The methods to be followed in making up entrance conditions shall have the joint approval of the director of admissions and the dean of the college concerned and, for undergraduate students, shall be in accordance with policies established by the council on academic affairs in consultation with the council on admission and registration. Removal of entrance conditions shall take precedence over the student's regular college schedule. If credits earned in the university are to be substituted for such deficiencies, five quarter credit hours and ten credit points shall be added to the graduation requirements of the conditioned student for each unit of entrance condition to be removed by this method.

3335-9-25 Academic probation.

- (A) Any student who has accumulated fifteen or more deficiency points shall be placed on probation. The probation shall continue provided the student's college considers the student's progress to be satisfactory and shall be removed when the deficiency points are fewer than fifteen. The student shall be notified of probationary status by the dean of the college or the director of the school in which the student is registered, except as provided in rule 3335-9-27 of the Administrative Code. Such notification shall include a clear statement of what shall be considered to be satisfactory progress.
- (B) Probation by special action. If at any time the preparation, progress, or success of a student in an academic program is determined to be unsatisfactory, the college or school in which the student is registered shall be empowered to place the student on academic probation. An undergraduate student admitted with conditions and who has not satisfied the conditions after earning thirty quarter credit hours through regular course enrollment at this university shall be placed on academic probation.

March 4, 1983 meeting, Board of Trustees

**ADDITION OF NEW RULE AND AMENDMENTS TO
RULES OF THE UNIVERSITY FACULTY (contd)**

- (C) Requirements and definition. In order to remain in good standing in the university a student must maintain a point-hour ratio (see rule 3335-7-26 of the Administrative Code) of at least 2.00. Deficiency points are applied only to the records of students whose point-hour ratio is below 2.00 and are defined as the number of credit points a student would have to earn to bring the student's point-hour ratio up to that level. Deficiency points may be calculated by subtracting the total number of credit points earned from twice the total number of credit hours attempted for which calculable grades ("A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," or "E") were given.

3335-9-30 Requirements for an undergraduate baccalaureate degree.

To obtain an undergraduate baccalaureate degree from this university, an undergraduate student must:

- (C) Have satisfactorily completed the number of credit hours required for the curriculum being pursued. The minimum number of credit hours required in each curriculum shall include the credit hours required under rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours required to satisfy admission conditions shall not be used to satisfy the requirements of rules 3335-7-06 and 3335-7-07 of the Administrative Code. Credit hours are considered as "satisfactorily completed" only if the student has received, at this university, the mark "A," "A-," "B+," "B," "B-," "C+," "C," "C-," "D+," "D," "EM," "K," "S," or "PA" in those hours (see rule 3335-7-21 of the Administrative Code).

NOW THEREFORE

BE IT RESOLVED, That the new rule and amendments to the *Rules of the University Faculty* be adopted as recommended by the University Senate.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT

Resolution No. 83-87

Synopsis: Approval is being requested for awarding degrees and certificates for Winter Quarter Commencement.

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

March 4, 1983 meeting, Board of Trustees

DEGREES AND CERTIFICATES - WINTER QUARTER COMMENCEMENT(contd)

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on March 18, 1983, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREE

Resolution No. 83-88

Synopsis: Approval is requested for awarding an honorary degree.

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

Helen G. Edmonds

Doctor of Humane Letters

NOW THEREFORE

BE IT RESOLVED, That the above honorary degree be awarded in accordance with the recommendation at a time convenient to the University and the recipient.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-89

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Reappointment of Directors of Institute and Center; Leaves of Absence Without Salary; and Emeritus Titles are recommended for approval.

March 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the February 4, 1983 meeting of the Board, including the following Appointments; Reappointment of Directors of Institute and Center; Leaves of Absence Without Salary; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: RICHARD E. BOETTCHER
Title: Dean
College: Social Work
Effective: July 1, 1983
Salary: \$60,000.00
Present Position: Director of the School of Social Work, University of Missouri-Columbia

Name: RODNEY J. HARRISON
Title: Acting Vice Provost for Student Affairs
Office: Academic Affairs
Effective: March 1, 1983
Salary: \$53,640.00
Present Position: Director, Student Financial Aids

Reappointment of Directors of Institute and Center

July 1, 1983 through June 30, 1987

Agricultural Technical Institute Dan M. Garrison

October 1, 1983 through June 30, 1987

Center for Women's Studies Marlene Longenecker

Leaves of Absence Without Salary

DEVON W. MEEK, Professor, Department of Chemistry, effective March 1, 1983 through March 31, 1983, for personal reasons.

GERALD C. GROOMS, Associate Professor, Cooperative Extension Service, effective May 5, 1983 through August 3, 1983, for personal reasons.

JOSEPH NEISENDORFER, Associate Professor, Department of Mathematics, effective October 1, 1983 through December 31, 1983, to visit the University of Western Ontario.

MARGARET D. OUELLETTE, Instructor, School of Nursing, effective April 1, 1983 through June 30, 1983, to complete requirements of the graduate school.

March 4, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

GEORGE JAMES BART, Department of Botany (Mansfield Campus), with the title Assistant Professor Emeritus, effective January 1, 1983.

WILLIAM J. GRIFFITH, Office of Campus Planning and Space Utilization, Assistant Vice President Emeritus, effective March 1, 1983.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-90

Synopsis: Resolutions honoring the service of three of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous voice vote.

Richard Heinley Baker

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 4, 1983 of Richard H. Baker, Professor Emeritus in the Department of Agricultural Economics and Rural Sociology.

Professor Baker, agriculturalist, born 1908, Seneca County, Ohio; received the Bachelor of Science degree in 1930, Master of Science degree in 1938 and the Doctor of Philosophy degree in 1948, all from The Ohio State University. Following the baccalaureate degree he spent a year studying large scale and corporate farming as organized in the mid-western, western and southern areas of the United States. This study and interest in large scale farming operations was reflected throughout his professional career. During the early depression years Dr. Baker served as a land use consultant with the Natural Resources Board and later with the Resettlement Administration and Farm Security Administration.

Joining the Department of Agricultural Economics and Rural Sociology in 1937 he made influential contributions with his study of dairy farm production costs and analysis. Labor simplification, farm worker safety, farm accounting, and taxation were productive areas of

March 4, 1982 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Richard Heinley Baker (contd)

his work. He was recognized as being especially helpful in the development of a computerized linear programming price mapping technique for farm planning and decision making. During the several years prior to and following retirement he made significant contribution in the development of a series of educational income tax programs. These programs are recognized as being very useful by farmers, tax practitioners and Internal Revenue Service representatives.

Until his untimely death, his income tax expertise was appreciated by those seeking an incisive understanding of the income taxation provisions.

Farm accidents and farm fatalities resulted in a national awareness of the need for a meaningful educational effort. His study of farm safety and contribution to the safety program resulted in the prevention of much human suffering, loss of life and productivity. As a result of this contribution, he was involved in The President's Conference on Occupational Safety during the Eisenhower presidency.

Professor Baker shared his scholarship with all who came to know him and was an excellent representative of the University community. His open, friendly manner and sincere personal interest in others caused all of us who knew him to value his counsel and to mourn his passing.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as our expression of the Board's heartfelt sympathy.

Lawrence A. Larrimer

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 28, 1983, of Dr. Lawrence A. Larrimer, Associate Professor Emeritus in the College of Dentistry.

Dr. Larrimer received his D.D.S. degree from The Ohio State University in 1933.

Dr. Larrimer was a member of the faculty of the College of Dentistry from 1946 until 1975 when he retired.

Dr. Larrimer was a member of the First Community Church, Sigma Nu Fraternity, Omicron Kappa Upsilon Honorary, the American Dental Association, Ohio Dental Association, Columbus Dental Society, Major U. S. Dental Corps WW II, past commander of Upper Arlington Post No. 443 American Legion.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

March 4, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Jennette A. Stein

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on January 16, 1983, of Jennette A. Stein, Professor Emeritus in the School of Health, Physical Education and Recreation.

She was educated at The Ohio State University and received her B.S. degree in 1926 and her M.A. degree in 1933.

In 1930 she was appointed an Instructor in the Women's Division of the Department of Physical Education. She became Associate Professor in 1946 and Professor in 1960.

Professor Stein's interests and efforts were primarily in undergraduate education. For many years she had the administrative responsibility for the required program in physical education for women. She taught in this program and in the undergraduate professional preparation program until her retirement in 1964.

Professor Stein was active in state, regional and national organizations serving her profession.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-91

Synopsis: The reports on contracts, grants, and gifts and the summary for January 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of January 1983, be approved.

Upon motion of Mr. Galbreath, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous voice vote.

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR JANUARY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	74	\$7,950,375.71
Engineering Experiment Station	28	541,604.00
Ohio Agricultural Research and Development Center	5	263,000.00
		\$8,754,979.71

The Ohio State University Development Fund

Establishment of Named Funds

The Conrad Jess Hilbinger Memorial Fund (Undergraduate student scholarships)	\$100,000.00
Robert and Marion Gatrell Undergraduate Student Art Award (Department of Art)	\$ 26,302.00
The Ida Topper College of Law Faculty Research Fellowship Fund (College of Law)	\$ 25,000.00
E. F. and Kathryn M. Wildermuth Memorial Endowment--Optometry (Loans and scholarships - College of Optometry)	\$ 11,250.00
The Law Class of '32 Anniversary Fund (College of Law Library)	\$ 8,000.00
The Larry N. Snyder Fund (OSU Athletic Department)	\$ 6,156.00
The Virginia Hutchison Bazler Scholarship Fund (School of Home Economics)	\$ 5,000.00

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

SUMMARY FOR JANUARY 1983 (contd)

Establishment of Named Funds (contd)

Robert Eugene Johnson Memorial Scholarship (Department of Theatre)	\$ 5,000.00
The George P. Pettit, M. D. Scholarship Fund (Undergraduate scholarships)	\$ 5,000.00

Change in Name of Fund

From: The Chair in Food Industries
To: Carl E. Haas Chair in Food Industries

Report from Presidents Club

Members to date	4,581
1983 members: year to date	17
New members - January 1983	17

New Presidents Club Members - January 1983

Edward F. Bacher, Jr.	Barbara H. Racey (Mrs. Gary L.)
Susan L. Baer	Clare E. Rohrer
Lee K. Baker	Robert G. Stinchcomb
Dr. Harisios Boudoulas	Ruth E. Strader (Mrs. Jack D.)
James M. Hiser	Jack D. Strader
William M. Junk	Danny Yee
Pamela J. Mascari (Mrs. Samuel J.)	Kenneth Yee
Pamela S. Patti (Mrs. Robert W.)	James F. Zid
Patricia L. Pohlman (Mrs. James E.)	

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - January 1983

Federal Research Contracts/Grants

\$4,369,947.00 - Department of Education, Washington, D. C., The National Center for Research in Vocational Education, The National Center for Research in Vocational Education (R. E. Taylor), 16 January 1983 through 15 January 1984. (Project 763413 - New)

\$252,780.00 - Department of Education, National Institute of Education, Washington, D. C., Operation of an Educational Resources Information Center (ERIC) Clearinghouse on Science, Mathematics and Environmental Education, Academic Faculty of Science Mathematics Education (R. W. Howe), 1 January 1983 through 31 December 1983. (Project 763390 - Continuation)

\$220,523.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), Department of Pathology (K. P. Clausen), Department of Surgery (W. B. Farrar) and Department of Radiology (F. Batley), 1 January 1983 through 31 December 1983. (Project 761094 - Continuation)

\$175,000.00 - Department of Education, National Institute of Education, Washington, D. C., Research Program on Employability, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1982 through 31 January 1983. (Project 763385 - Continuation)

\$125,632.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1982 through 30 November 1983. (Project 763393 - New)

\$114,790.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., The Teaching of Classical Civilizations--A Summer Institute for College Teachers, Department of Classics (M. P. Morford), 1 January 1983 through 31 December 1983. (Project 763416 - New)

\$91,999.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Development and Evaluation of Point Defect Models for the Growth of Passive Films on Single Crystal, Polycrystalline, and Amorphous Metal Surface, Department of Metallurgical Engineering (D. D. Macdonald), 1 March 1983 through 28 February 1984. (Project 763048 - Continuation)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$90,000.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development of a Pedestrian Dummy Thorax and Thoracic Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 October 1982 through 30 June 1983. (Project 762594 - Continuation)

\$89,850.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, The Effects of Fatigue on Cockpit Communication and Resource Management, Department of Aviation (R. S. Jensen and A. Lerch), 1 January 1983 through 30 November 1983. (Project 763247 - Continuation)

\$86,977.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereochemistry of Enzyme Reactions, Department of Chemistry (H. G. Floss), 1 January 1983 through 31 August 1983. (Project 763422 - New)

\$86,713.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Solution Structure of Ribosomal 5S RNA and 5.8S RNA, Department of Chemistry (A. G. Marshall), 1 January 1983 through 31 December 1983 (Project 762523 - Continuation)

\$86,000.00 - Department of the Air Force, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Theoretical Studies on Determinations, Predictions, and Accuracies of Geodetic Parameters and Gravimetric Quantities, Department of Geodetic Science and Surveying (U. A. Uotila), 1 October 1982 through 25 April 1983. (Project 762947 - Continuation)

\$84,789.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Molecular Control in Cytochrome C. Oxidase, Department of Physiological Chemistry (J. O. Alben), 1 January 1983 through 31 December 1983. (Project 762976 - Continuation)

\$83,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Health, Labor Market Activity, and Income Security, Department of Economics (D. O. Parsons), 1 February 1983 through 31 January 1984. (Project 763411 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$81,038.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Motion and Stability of Saturated Soil Systems Under Dynamic Loading, Department of Civil Engineering (R. S. Sandhu), 1 February 1983 through 31 January 1984. (Project 763420 - New)

\$76,178.00 - Department of Education, Office of Special Education, Washington, D. C., Improving the Basic Math Skills and Job Awareness of Handicapped Students via Simulated Career Exploration Activities, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1983. (Project 763423 - New)

\$72,698.00 - National Science Foundation, Washington, D. C., Research in Persuasive Communication, Department of Psychology (A. G. Greenwald), 1 February 1983 through 31 January 1985. (Project 763424 - New)

\$65,750.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Separated Flows, Department of Aeronautical and Astronautical Engineering (O. R. Burggraf), 1 January 1983 through 31 December 1983. (Project 763412 - Continuation)

\$65,022.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, Subunit Studies of a Heart Respiratory Complex, Department of Physiological Chemistry (J. S. Rieske), 1 December 1982 through 30 November 1983. (Project 762285 - Continuation)

\$60,280.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Biosynthesis of Ergot Alkaloids, Department of Chemistry (H. G. Floss), 1 January 1983 through 31 August 1983. (Project 763419 - New)

\$57,000.00 - National Science Foundation, Washington, D. C., Geometry of Banach Spaces, Department of Mathematics (W. B. Johnson), 1 April 1983 through 31 March 1984. (Project 761663 - Continuation)

\$51,401.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Benzamide Derivatives as Protective Agents of Human Cell Carcinogenesis, Cancer Research Center and Department of Physiological Chemistry (G. E. Milo), 1 January 1983 through 31 December 1983. (Project 763409 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$50,000.00 - National Science Foundation, Washington, D. C., Kirkpatrick Basalt Group, North Victoria Land, Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot and G. Faure), 1 July 1983 through 31 May 1984. (Project 762871 - Continuation)

\$49,457.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Research on the Kinetics of Phase Changes on Solids, Department of Metallurgical Engineering (J. P. Hirth), 15 December 1982 through 14 June 1983. (Project 760222 - Continuation)

\$39,967.00 - Department of the Navy, Naval Air Systems Command, Washington, D. C., Advanced Adaptive Antenna Techniques, Department of Electrical Engineering, ElectroScience Laboratory (R. T. Compton), 1 October 1982 through 27 July 1983. (Project 763084 - Continuation)

\$36,247.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Biochemistry of Inhibitors of Estrogen Biosynthesis, College of Pharmacy (R. W. Brueggemeier), 1 January 1983 through 31 December 1983. (Project 762520 - Continuation)

\$35,555.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Side Impact Procedure Development, Department of Mechanical Engineering (D. A. Guenther), 17 January 1983 through 30 November 1983. (Project 763399 - New)

\$30,407.00 - National Science Foundation, Washington, D. C., Effect of Vegetation Roots on Slope Stability, Department of Civil Engineering (T. H. Wu), 15 January 1983 through 14 January 1984. (Project 762987 - Continuation)

\$26,750.00 - National Science Foundation, Washington, D. C., The Banach-Mazur Distance Between Finite Dimensional Spaces and Projection Constants, Department of Mathematics (W. J. Davis), 1 July 1983 through 30 June 1984. (Project 762659 - Continuation)

\$26,600.00 - Environmental Protection Agency, Cincinnati, Ohio, Field Verification of Methane Movement Functions and Methane Control Systems for Landfill, Department of Civil Engineering (C. A. Moore), 1 January 1983 through 30 June 1983. (Project 761848 - Continuation)

\$25,420.00 - National Science Foundation, Washington, D. C., Cohomology of Arithmetic Groups, Department of Mathematics (A. Ash), 1 February 1983 through 31 January 1985. (Project 763407 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,836.00 - National Science Foundation, Washington, D. C., Stratigraphy, Sedimentology, and Sedimentary Petrology of Permian-Triassic Gondwana Sequence in North Victoria Land, Antarctica, Institute of Polar Studies (J. W. Collinson), 1 January 1983 through 30 June 1983. (Project 762829 - Continuation)

\$16,578.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Non-Contact Crash Data Acquisition Interface, Department of Electrical Engineering (H. Hemami), 1 January 1983 through 30 June 1983. (Project 762618 - Continuation)

\$10,000.00 - Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D. C., Installation of GEODOP Program at the Nairobi Treasury Computing Center, Department of Geodetic Science and Surveying (I. I. Mueller), 1 January 1983 through 30 September 1983. (Project 763302 - Continuation)

\$9,960.00 - Agency for International Development, Washington, D. C., A Study to Describe Criteria for USAID Sector Grant to Zimbabwe, The National Center for Research in Vocational Education (R. E. Taylor), 26 November 1982 through 28 February 1983. (Project 763410 - New)

\$8,000.00 - Department of the Army, Defense Supply Service, Washington, D. C., Ultrasonic Methods to Study Shadow Boundaries of Diffracting Cracks, Department of Welding Engineering (L. Adler), 1 December 1982 through 31 March 1983. (Project 762638 - Continuation)

\$7,580.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, On-Board Portable Data Acquisition and Processing for Vehicle Testing, Department of Electrical Engineering (H. Hemami), 1 October 1982 through 31 January 1983. (Project 762979 - Continuation)

\$6,000.00 - National Foundation for the Arts and Humanities, National Endowment for the Arts, Washington, D. C., Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 October 1983 through 31 December 1983. (Project 763414 - Continuation)

\$3,738.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Non-Nitrogen Containing Dopamine Agonists, College of Pharmacy (D. D. Miller and N. J. Uretsky), 1 December 1982 through 30 November 1983. (Project 762967 - Continuation)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$2,471.00 - Environmental Protection Agency, Washington, D. C., Application of Recombinant DNA Technology to Methane Biogenesis, Department of Microbiology (J. N. Reeve), 1 September 1982 through 31 August 1984. (Project 763263 - Continuation)

\$2,471.00 - Federal Emergency Management Agency, Washington, D. C., Evacuation Study of Taft, Louisiana, Department of Sociology (E. L. Quarantelli), 3 January 1983 through 7 January 1983. (Project 763397 - New)

TOTAL - FEDERAL AWARDS **\$6,892,501.00**

State of Ohio Research Contracts/Grants

\$318,410.00 - State of Ohio, Department of Natural Resources, Office of Litter Control, Columbus, Ohio, Litter Control and Recycling Education Program, Cooperative Extension State Operations (J. D. Rohrer), 16 January 1983 through 31 December 1983. (Project 763404 - New)

\$69,611.40 - State of Ohio, Department of Health, Columbus, Ohio, Care of the High Risk Mother and Infant, Department of Pediatrics (L. Cordero), 1 October 1982 through 30 September 1983. (Project 764100 - Continuation)

\$60,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Deinstitutionalization Task Force, Nisonger Center for Mental Retardation (H. Leland), 1 November 1982 through 30 September 1983. (Project 762593 - Continuation)

\$4,635.00 - State of Ohio, Ohio Historic Preservation Office, Ohio Historical Center, Columbus, Ohio, Survey and Protection Policies for Columbus Neighborhood Historic Structures, School of Architecture Administration - City and Regional Planning (S. I. Gordon), 1 January 1983 through 31 August 1983. (Project 763426 - New)

TOTAL - STATE OF OHIO AWARDS **\$ 452,656.40**

Industrial Research Contracts/Grants

\$64,646.00 - The Standard Oil Company (SOHIO), Cleveland, Ohio, Electro-Catalytic Reduction of Carbon Monoxide and Carbon Dioxide to Carbon-Based Products, Department of Chemistry (T. Kuwana and D. W. Meek), 1 January 1983 through 31 December 1983. (Project 763417 - New)

\$29,056.00 - Health Research, Inc., Buffalo, New York, The Effect of Cocarcinogens on Cellular Membranes, Cancer Research Center (L. D. Tomei), 1 December 1982 through 30 November 1983. (Project 763408 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$11,872.00 - International Training and Education Co. (ITECO), Framingham, Massachusetts, Vocational Teacher Training: PBTE Curricula Available for Adoption, The National Center for Research in Vocational Education (R. E. Taylor), 1 December 1982 through 31 January 1983. (Project 763387 - New)

\$10,503.45 - Tandy Corp., Fort Worth, Texas, Improving Computer Literacy Among Formal and Non-Formal Agricultural Educators, Department of Dairy Science (T. R. Smith), 1 December 1982 through 31 December 1982. (Project 763405 - New)

\$8,000.00 - Holstein-Friesian Association of America, Brattleboro, Vermont, Dairymen - Define Breeding Programs, Department of Dairy Science (F. R. Allaire), 1 January 1983 through 31 December 1983. (Project 763398 - New)

TOTAL - INDUSTRIAL AWARDS

\$ 124,077.45

Other Non-Federal Research Contracts/Grants

\$95,258.00 - Electric Power Research Institute, Palo Alto, California, Corrosion and Corrosion Cracking for Water Cooled Reactors, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 31 March 1983. (Project 760982 - Continuation)

\$90,000.00 - North Texas State University, Denton, Texas, The Adaptation and Pilot Testing of a Pre-Service Version of ICDM, The National Center for Research in Vocational Education (R. E. Taylor), 17 December 1982 through 31 December 1984. (Project 763418 - New)

\$82,741.33 - World Health Organization, Geneva, Switzerland, Evaluation of Active Immunization with Synthetic Peptides of hCG as a Fertility Control Method, Department of Obstetrics and Gynecology (V. C. Stevens), 14 December 1982 through 30 June 1983. (Project 760113 - Continuation)

\$39,621.00 - Electric Power Research Institute, Palo Alto, California, Mechanism of Intergranular Corrosion of Inconel 600 Tubing in Power Steam Generators, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 31 October 1983. (Project 762932 - Continuation)

\$30,000.00 - Kappa Delta Pi, Lafayette, Indiana, Workshops and Research Studies, Academic Faculty of Educational Foundations and Research (J. Frymier), 1 January 1983 through 31 December 1984. (Project 763402 - Continuation)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$17,755.00 - Electric Power Research Institute, Palo Alto, California, Study of Acid Corrosion in the Clean Gas Saturator or a Coal Gasification Combined Cycle Power Plant, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 30 June 1983. (Project 763175 - Continuation)

\$16,737.00 - University of Illinois, Champaign, Illinois, Second International Mathematics Study, Academic Faculty of Science and Mathematics Education (F. J. Crosswhite), 1 January 1983 through 30 September 1983. (Project 763400 - New)

\$13,997.55 - Vocational Industrial Training Board, Singapore, Vocational Industrial Training Board Fellowship Program - Singapore, The National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 March 1983. (Project 763274 - Continuation)

\$13,865.98 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - Continuation)

\$10,750.00 - International Studies Association, Columbia, South Carolina, Assistance in Disseminating Learning Resources on Global Education and Teacher Training, Merhson Center for Education in National Security and Department of Political Science (J. E. Harf), 1 December 1982 through 30 June 1983. (Project 763370 - New)

\$10,000.00 - Deafness Research Foundation, New York, New York, Hemophilus Influenzae Otitis Media: An Animal Model, Department of Otolaryngology (T. F. DeMaria), 1 January 1983 through 31 December 1983. (Project 762545 - Continuation)

\$10,000.00 - The Joyce Mertz-Gilmore Foundation, New York, New York, Working Conference on Community Resources in Global Education, Merhson Center for Education in National Security (R. C. Remy), 1 January 1983 through 30 June 1983. (Project 763415 - New)

\$8,400.00 - Institut Teknologi Mara, Shah Alam, Selangor, West Malaysia, Study for Mrs. Ivy C. H. Nadarajah in the Business Education Department and The National Center for Research in Vocational Education at The Ohio State University, The National Center for Research in Vocational Education (R. E. Taylor), 3 January 1983 through 30 June 1983. (Project 763401 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$7,625.00 - American Academy of Physician Assistants, Arlington, Virginia, Physician Assistant Self-Assessment, Academic Faculty of Educational Foundations and Research (A. D'Costa), 1 January 1983 through 31 March 1983. (Project 763054 - Continuation)

\$6,775.00 - National Association in Chain Drug Stores, Inc., Alexandria, Virginia, The Impact of "Lower Of" of "Cost Plus Fee" Reimbursement Provisions of Third-Party Drug Programs on Pharmacy Profitability, College of Pharmacy (E. W. Jacobs), 1 January 1983 through 31 March 1983. (Project 763421 - New)

\$5,765.00 - American Association of School Administrators, Arlington, Virginia, Study of the American Superintendency, Academic Faculty of Educational Administration (L. L. Cunningham), 1 November 1982 through 30 September 1983. (Project 762778 - Continuation)

\$5,540.00 - The Columbus Foundation, Columbus, Ohio, Alfred L. Willson Conference on Problem Prevention in Early Youth, Academic Faculty of Educational Administration (L. L. Cunningham), 1 November 1982 through 31 October 1983. (Project 763406 - Continuation)

\$5,362.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Alumina Tooth Implantation in Human Subjects, College of Dentistry - Crown and Bridge (M. O. Brose), 15 January 1983 through 15 December 1983. (Project 762936 - Continuation)

\$4,000.00 - SME Manufacturing Engineering Education Foundation, Dearborn, Michigan, Optimal Arrangement of Objects such as Patterns in Mold Flasks, Department of Industrial and Systems Engineering (S. C. Sarin), 1 January 1983 through 10 March 1983. (Project 763403 - New)

\$3,087.00 - Cedars-Sinai Medical Center, Los Angeles, California, Cooperative Clinical Trial on the Dissolution of Gallstones by Bile Acid Feeding, Department of Medicine (F. B. Thomas and H. S. Mekhjian), 1 September 1982 through 31 August 1983. (Project 762380 - Continuation)

\$1,600.00 - United Nations Educational, Scientific and Cultural Organization (UNESCO), Paris, France, Proposal to Develop an International Annotated Bibliography on Technical Teacher Education (R. E. Taylor), 1 January 1983 through 31 March 1983. (Project 763395 - New)

\$1,250.00 - Greater Columbus Arts Council, Columbus, Ohio, A Theatre Seminar Festival of the American Experience: The FDR Years: 1930-1945, Department of Theatre (F. H. Brown, Jr.), 19 June 1983 through 14 August 1983. (Project 763396 - New)

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$725.00 - Insulation Industry's National Apprenticeship and Training Fund, Washington, D. C., Instructor Training Workshop - Insulation Industry's National Apprenticeship and Training Fund, The National Center for Research in Vocational Education (R. E. Taylor), 4 September 1982 through 31 October 1982. (Project 763250 - Continuation)

\$286.00 - Cincinnati Resource Development Committee, Cincinnati, Ohio, Data Inventory of Vocational Education in Cincinnati Public Schools and Great Oaks Area Vocational School, The National Center for Research in Vocational Education (R. E. Taylor), 1 August 1982 through 31 August 1982. (Project 763224 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 481,140.86

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$23,426.00 - New York State Department of Transportation, Albany, New York, to "Refurbish NYDOT Skid Trailers," Transplex, February 15, 1983 through July 31, 1983. (312767)

Industrial and Other Sponsored Research and Development

\$395,000.00 - Fourteen sponsors including Bishopric, Caterpillar, GATAX, IBM, GM, GE, Westinghouse, Standard Oil, Euclid, Deere, TRW, Millicron, Cyclomatic and Reynolds Metals in support of the broad Center for Welding Research investigations for the current fiscal year. Federal support from NSF for FY 83 totals \$225,000.00 additional. (529090, 529501-9)

\$20,000.00 - The OSU Office of Physical Facilities, Campus, for "Study of Energy Conservation for University Buildings--Program 4244," Department of Mechanical Engineering, January 1, 1983 through May 31, 1983. (529008)

\$13,500.00 - AISI, Washington, D. C., for "Experimental Determination of Combustibility," Department of Chemical Engineering, May 1, 1982 through April 30, 1983. (529001)

\$89,678.00 - Twenty-three sponsors for 24 development projects under the direction of six engineering departments and research areas.

**TOTAL - INDUSTRIAL AND OTHER SPONSORED RESEARCH
AND DEVELOPMENT**

\$ 518,178.00

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contract/Grant

\$242,500.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of North Central Region Special Studies Program for Pesticide Impact Assessment, Department of Entomology, through September 30, 1984. (Cooperative Agreement No. 80-CRSR-2-0513)

Industrial and Other Contracts/Grants

\$7,500.00 - Society of American Florists Endowment, Edwardsville, Illinois, support of a study on inflated tube energy screen for nighttime insulation, Department of Agricultural Engineering, January 1 to December 31, 1983.

\$1,000.00 - University of California, Department of Land, Air and Water Resources, Davis, California, continued support of a study on mechanism of frost heave pressures, Department of Agronomy, to January 31, 1983.

TOTAL - INDUSTRIAL AND OTHER CONTRACTS/GRANTS **\$ 8,500.00**

Gifts of \$5,000 or More

\$6,000 American Cyanamid Company, Wayne, New Jersey
\$6,000 Monsanto, St. Louis, Missouri

TOTAL - GIFTS **\$ 12,000.00**

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Conrad Jess Hilbinger Memorial Fund

The Conrad Jess Hilbinger Memorial Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Conrad N. Hilbinger, Honolulu, Hawaii, in memory of his son, Conrad Jess Hilbinger.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and re-invest as occasion dictates.

The annual income shall be used to provide one or more scholarships to qualified students enrolled at The Ohio State University. The selection of the recipient(s) is to be made by the University Scholarship Committee.

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Conrad Jess Hilbinger Memorial Fund (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees at its discretion.

Robert and Marion Gatrell Undergraduate Student Art Award

The Robert and Marion Gatrell Undergraduate Student Art Award was established March 4, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Robert M. Gatrell, Professor Emeritus, M.A., Fine Arts, 1933, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide an award(s), presented annually, at the Student Show in the Gallery of Hopkins Hall. The award(s) is to be presented to an undergraduate student enrolled in the Studio Division of Fine Arts of The Ohio State University and whose major studies are in the studio areas of drawing, painting and graphics. The selection of the recipient(s) is to be made by a balanced studio faculty appointed by the department chairman of the Department of Art, College of the Arts. The number and amount of the award(s) shall be determined each year by the judging committee.

The award(s) shall be presented for works of art that have been entered as exhibits in the annual Student Show. However, should the Show not be held in a particular year, no award(s) shall be given and the income added to the principal of the Robert and Marion Gatrell Undergraduate Student Art Award fund. In the subsequent year, awards not made in the previous academic year can be made providing a student exhibition or student art show is held in addition to the awards for the current academic year.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official(s) of the University then directly responsible for education in drawing, painting and graphic arts.

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ida Topper College of Law Faculty Research Fellowship Fund

The Ida Topper College of Law Faculty Research Fellowship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Mrs. Isadore Topper of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The purpose of this research fellowship fund is to provide financial support for research and writing undertaken by a member of the College of Law academic faculty. Upon the establishment of this endowment fund, the Dean of the College of Law shall appoint a member of the College of Law faculty as the recipient of the fellowship, which faculty member shall retain the fellowship so long as he or she is a member of the College of Law faculty. Should the initial recipient or any successor recipient of this fellowship resign or retire from the College of Law faculty, a successor recipient shall be chosen by a committee made up of those members of the College of Law faculty then occupying Endowed Professorships or Chairs, with consultation and advice from the Dean of the College of Law. If the vote of the committee be tied, the Dean shall cast the deciding vote.

The fellowship shall honor past outstanding service by the recipient as teacher and scholar and in recognition of outstanding community service.

The annual income and/or principal in this fellowship fund shall be used for activities and purposes that will further the recipient's academic research and writing including but not limited to:

- (1) Release time from teaching duties to pursue research
- (2) Research assistants
- (3) Secretarial assistance
- (4) Mechanical support equipment and facilities, such as computer equipment
- (5) Travel expenses
- (6) Attendance at professional meetings and seminars
- (7) Purchase of books, journals and publications
- (8) Summer research support

The recipient shall propose to the Dean from time to time, as needed, expenditures from the income and/or principal in the fellowship fund to support his or her research and teaching. The Dean shall approve such expenditures unless they would be clearly inconsistent with the purpose of this fund or unless the expenditure would exceed the principal remaining in the fund. Unused income may each year be added to principal. The recipient of the fellowship shall advise the Dean of the College of Law on a regular basis of the scholarly purposes for which the fellowship has been used.

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ida Topper College of Law Faculty Research Fellowship Fund (contd)

It is the intention of the grantor that the funds in this research fellowship should supplement and not replace funds which would otherwise be available to the recipient from the College of Law or other sources to support his or her teaching and research.

Should the need for this fund cease to exist or so diminish as to provide unused income or principal, then the fund may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Dean and faculty of the College of Law.

E. F. and Kathryn M. Wildermuth Memorial Endowment--Optometry

The E. F. and Kathryn M. Wildermuth Memorial Endowment--Optometry was established March 4, 1983, by the Board of Trustees of The Ohio State University with an initial gift to The Ohio State University Development Fund from the E. F. Wildermuth Foundation, Columbus, Ohio, in memory of E. F. Wildermuth, B.A., 1910, Columbus.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for several purposes with the first priority being for loans to optometry students and the second priority for scholarships to optometry students. If the use of the income for loans and scholarships in the opinion of the Dean of the College of Optometry is fully met, the balance of the income from the endowment may be used for other purposes to improve optometric education as, for example, for professorships or chairs to be determined by the Dean of the College of Optometry. The loans and/or scholarships are to be recommended and approved by the Dean of the College of Optometry and repayment of the loans is to be added to the principal of the endowment.

Should the need for this endowment cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for optometric education.

The Law Class of '32 Anniversary Fund

The Law Class of '32 Anniversary Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Law Class of '32 Anniversary Fund (contd)

Fund from members of the Class of 1932 of the College of Law, on the occasion for their 50th Anniversary of graduation from the College of Law.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for the library in the College of Law at the discretion of the Dean of the College of Law.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for legal education.

The Larry N. Snyder Fund

The Larry N. Snyder Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of the late Larry N. Snyder, B.S.Bus.Adm. '25 (renowned Ohio State and U. S. Olympic track coach), of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to enhance the OSU Athletic Department. First preference should be given to the intercollegiate track program. Actual disbursement will be at the discretion of the Director of Athletics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the University athletic programs.

The Virginia Hutchison Bazler Scholarship Fund

The Virginia Hutchison Bazler Scholarship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University Development Fund from Virginia H. Bazler (B.S.H.E. '54) and Frank E. Bazler (B.S.Bus.Adm. '51, J.D. '53).

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Virginia Hutchison Bazler Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the School of Home Economics. The selection of the recipient(s) is to be made by the University Scholarship Committee upon the recommendation of the Director of the School of Home Economics. Students who have demonstrated academic ability and have a definite need for financial assistance will be shown preferred consideration for this scholarship.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to requests and recommendations from the appropriate administrative official of the School of Home Economics.

Robert Eugene Johnson Memorial Scholarship

The Robert Eugene Johnson Memorial Scholarship was established March 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estate of Robert Eugene Johnson, M.A., 1950.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for junior and/or senior student(s) who are majoring in theatre and are maintaining at least a 2.5 cumulative grade point average. Selection of the recipient(s) is to be made by the Chairman of Theatre in cooperation with the Dean of the College of the Arts and the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for educating University students in theatre arts.

March 4, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The George P. Pettit, M.D., Scholarship Fund

The George P. Pettit, M.D., Scholarship Fund was established March 4, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from George P. Pettit, B.S. '65, M.D. '69, Portsmouth, Ohio.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide undergraduate scholarships for one or more students, from Pike or Scioto County, going into health related fields. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees.

Change in Name of Fund

Carl E. Haas Chair in Food Industries

It is proposed that the Chair in Food Industries, established July 11, 1980, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University Development Fund from industry, alumni, and friends of the College of Agriculture, be named the CARL E. HAAS CHAIR IN FOOD INDUSTRIES, in recognition of the generous gift made to the Chair in Food Industries by Mr. Carl E. Haas, B.S. Horticulture, 1918; retired President, The Haas Brothers Company, Cleveland, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income, when this account becomes a chair, will be used to provide salary and program support for the work of an individual who will provide leadership for the Food Industries Program. Appointment of this chair will be recommended by the Dean of the College of Agriculture and Home Economics to the Provost and approved by the Board of Trustees.

Should the need for this faculty position cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the programs relating to the food industries.

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March 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 83-92

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

AGRICULTURAL ADMINISTRATION BUILDING, 4-H CENTER AREA

Project: Renovations to the east lobby of the Agricultural Administration Building to provide increased visibility and current information concerning 4-H educational programs throughout Ohio.

Funding: Contributions to The Ohio State University Development Fund

Estimated Project Cost: \$160,000

MEANS HALL, ROOF REPLACEMENT

Project: Due to weather deterioration, this roof is to be replaced with new roofing and insulation as necessary.

Funding: Local Hospital Funds

Estimated Project Cost: \$115,000

OHIO STADIUM, REPLACE HOT WATER LINES AND WATERMAN FARM, GAS LINE INSTALLATION

Project: Replace the hot water lines serving Ohio Stadium from McCracken Power Plant, due to deterioration of the existing lines. For cost effectiveness, install a natural gas line to serve the Waterman Farm Complex, converting the present propane to natural gas.

Funding: Local Contract Repair, 1982-1983

Estimated Project Cost: \$80,000

March 4, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That all final actions related to the award of the Agricultural Administration Building, 4-H Center Area will be dependent upon contributions received; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous roll call vote.

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**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-93

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

**ENERGY CONSERVATION MEASURES (ECM-6)
(UNIVERSITY HOSPITAL)**

Description: Energy conservation measures consisting of reduction of air flow to systems S1, AC1, 4S and 1AC; air flow control for operating rooms, unoccupied shut down for systems 1AH, ADM, 9th floor DX 4AC, 9AC, 73AC; discriminator control for 1AH, add mixed air controls for AC2 and AC3 at University Hospital. This project is a continuation of energy conservation at The Ohio State University and will result in a payback of expenditures in two years, seven months.

March 4, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**ENERGY CONSERVATION MEASURES (ECM-6)
(UNIVERSITY HOSPITAL) (contd)**

Mechanical Contract

Date Received:	January 7, 1983
No. of Bids:	3
Low Bid:	\$ 77,800.00*
High Bid:	\$ 81,500.00*
Estimate of Cost:	\$ 88,000.00*
Awarded to:	Limbach Company

Electrical Contract

Date Received:	January 7, 1983
No. of Bids:	11
Low Bid:	\$ 9,400.00
High Bid:	\$ 18,083.00
Estimate of Cost:	\$ 19,000.00
Awarded to:	American Electric Corp.

Total All Contracts: \$ 87,200.00

Total Contingency Allowance: \$ 13,993.00

Total Project Cost: \$115,208.00

Funding: Local University Funds and Federal Grant

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous roll call vote.

--O--

March 4, 1983 meeting, Board of Trustees

**ACCEPTANCE OF THE GIFT OF PROPERTY
25 ACRES IN GENOA TOWNSHIP OF DELAWARE COUNTY**

Resolution No. 83-94

Synopsis: Acceptance of a gift of approximately 25 acres in Delaware County, Ohio, through the establishment of a charitable remainder unitrust is proposed.

WHEREAS Dr. James A. Rumbaugh of Westerville, Ohio, is the owner of approximately 25 acres of property located on Africa Road in Genoa Township of Delaware County and wishes to make a gift of this property for the ultimate benefit of the University through the establishment of an income-only charitable remainder unitrust, with the Treasurer of the University serving as Trustee; and

WHEREAS it has been determined that the acceptance of this gift and the establishment of the income-only unitrust are in the best interests of the University:

NOW THEREFORE

BE IT RESOLVED, That the Treasurer of the University, acting as Trustee pursuant to Resolution 77-22 (Authorization for the Treasurer of the University to Serve as Trustee for Unitrusts and Annuity Trusts) adopted by this Board September 10, 1976, be authorized to accept this gift of property for the ultimate benefit of the University and to execute all documents necessary to complete this gift.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the foregoing resolution was adopted by unanimous roll call vote.

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**GAS LINE EASEMENT TO FREDERICK PETROLEUM CORPORATION
NOBLE COUNTY, OHIO**

Resolution No. 83-95

Synopsis: Authorization to grant a continuation of existing gas line easement in Noble County is requested.

WHEREAS the Agricultural Research and Development Center of The Ohio State University has property in Noble County, known as Unit II of The Eastern Ohio Resource Development Center, for the study of strip mining reclamation; and

WHEREAS the University on July 10, 1982 granted an easement for a 4" gas line to the Frederick Petroleum Corporation for the purpose of transmitting and selling natural gas from their wells to Columbia Gas; and

WHEREAS Frederick Petroleum Corporation has requested permission to extend a 2" gas line easement an additional 4100 feet northwest of the existing easement; and

March 4, 1983 meeting, Board of Trustees

**GAS LINE EASEMENT TO FREDERICK PETROLEUM CORPORATION
NOBLE COUNTY, OHIO (contd)**

WHEREAS this line will be located so as not to interfere with any University operations; and

WHEREAS the Frederick Petroleum Corporation will pay The Ohio State University \$5.00 per lineal rod (approximately \$1,242) for this easement; and

WHEREAS the appropriate University offices have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal documents to provide for this easement.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous roll call vote.

--O--

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES,
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS,
AND TO DESIGNATE DEPOSITORIES**

Resolution No. 83-96

Synopsis: Authorization for designated officials to buy, sell, assign and transfer securities, to deposit or withdraw funds from bank accounts held in the name of The Ohio State University, and to designate depositories is requested.

WHEREAS designated officials of the University buy, sell, assign and transfer stocks, bonds and other financial instruments owned by The Ohio State University; and

WHEREAS various financial institutions are designated as depositories for The Ohio State University; and

WHEREAS accounts at various financial institutions are opened and maintained in the name of The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance and/or the Treasurer be authorized and empowered to buy, sell, assign and transfer any and all stocks, bonds,

March 4, 1983 meeting, Board of Trustees

**AUTHORIZATION FOR DESIGNATED OFFICIALS TO
BUY, SELL, ASSIGN AND TRANSFER SECURITIES,
TO DEPOSIT OR WITHDRAW FUNDS FROM BANK ACCOUNTS,
AND TO DESIGNATE DEPOSITORIES (contd)**

evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities corporate or otherwise, standing in the name of or belonging to The Ohio State University in any capacity; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance and/or the Treasurer be authorized and empowered to designate various financial institutions as depositories for The Ohio State University and open and maintain accounts at various financial institutions in the name of The Ohio State University; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance and/or the Treasurer be authorized, on behalf of The Ohio State University and in its name, to sign checks, drafts, notes, bills of exchange, acceptances or other orders for the payment of money from said accounts; to endorse in writing or by stamp checks, notes, bills, certificates of deposit or other instruments owned or held by this University for deposit in said accounts or for collection or discount by said banks; to accept drafts, acceptances, and other instruments payable to said banks; to waive, demand, protest, file notice of protest, or dishonor any check, note, bill, draft or other instrument made, drawn or endorsed by the University.

Upon motion of Mr. Redman, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

APPOINTMENT OF INVESTMENT COUNSELORS

Resolution No. 83-97

Synopsis: Appointment of Investment Counselors is proposed.

BE IT RESOLVED, That upon the recommendation of the Fiscal Affairs Committee, the following investment policies pertaining to the University's Investments Portfolio be implemented in accordance with the terms and conditions set forth.

Reappointment of the following-named investment managers to counsel in Endowment investments totaling the initial amounts indicated:

The Chicago Corporation	\$15,000,000
Huntington Investment Management Corporation	\$19,500,000
Siebel Capital Management, Incorporated	\$16,000,000
Webster Management Corporation	\$ 1,000,000

March 4, 1983 meeting, Board of Trustees

APPOINTMENT OF INVESTMENT COUNSELORS (contd)

Reappointment of the following-named investment manager to counsel in non-Endowment investments totaling the initial amount indicated:

Huntington Investment Management Corporation	\$20,000,000
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Upon motion of Mr. Galbreath, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

EXPRESSION OF APPRECIATION TO EDWIN M. CRAWFORD

Resolution No. 83-98

WHEREAS Edwin M. Crawford has served The Ohio State University since 1975 as Vice President for Public Affairs; and

WHEREAS under the leadership of Vice President Crawford many significant changes in the communications and public affairs programs of the University have been developed and implemented; and

WHEREAS the University as well as the community at large have benefited enormously from the presence and substantial contributions of Vice President Crawford during his tenure with this University; and

WHEREAS Mr. Crawford has submitted his resignation from his University position so that he might accept appointment as Director of Public Affairs for the San Diego Hospital Association effective in April, 1983:

NOW THEREFORE

BE IT RESOLVED, That the Board expresses to Edwin M. Crawford its gratitude for his years of excellent and dedicated service to The Ohio State University, and wishes him and his family every happiness and success in their move to California.

Upon motion of Mr. Hilliker, seconded by Mr. Galbreath, the foregoing resolution was adopted by unanimous voice vote.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-99

RESOLVED, That the report on the University's Investment Portfolio, dated February 18, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

March 4, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 1, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Vice Chairman

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APPENDIX III

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

March 18, 1983

Commencement Speaker

Helen G. Edmonds

Doctor of Humane Letters

Dr. Helen G. Edmonds has achieved eminence as a distinguished scholar and as a civic leader. Now professor emeritus of history, Dr. Edmonds was a member of the faculty of North Carolina Central University from 1941 until her retirement in 1977. She served that university as professor of history, graduate professor of history, chairperson of the Department of History, and dean of the Graduate School of Arts and Sciences. From 1971 to 1977 she was University Distinguished Professor. A prolific writer, Dr. Edmonds has written five books and numerous articles on history and international relations.

Dr. Edmonds' scholarly achievements have been matched by her contributions in public service. President Nixon appointed her an alternate delegate from the United States to the United Nations General Assembly in 1970, and she chaired the U.S. delegation to the Third Committee. She served as a member of the National Advisory Council of the Peace Corps, the Social Science Advisory Council to the U.S. Arms Control and Disarmament Agency, and the National Advisory Council to Education Professions Development of the U.S. Office of Education. She has represented the U.S. government on lecture tours in Western Europe and Africa. Among her many other activities, she was national chairperson of the Humanities Bicentennial Celebration of the Association for the Study of Afro-American Life and History.

Professor Edmonds began her academic career by earning a bachelor's degree from Morgan State University in 1933, and then continued her studies at The Ohio State University, receiving her master's degree in 1938 and her doctorate in 1946. The University community takes great pride in bestowing its highest honor on an alumna whose many contributions to higher education and to this nation and its people will stand as a source of inspiration to our students today and in the future.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

Abdulshafi Ahmed Abdulshafi, Columbus; B.S. (Cairo University); M.S.; *Civil Engineering*; Dr. Kamran Majidzadeh

Nasreldin M. Adam, Khartoum, Sudan; B.S. (Alexandria University); M.S. (Reading University); *Agronomy*; Dr. Paul R. Henderlong

Dennis Ira Aig, Queens Village, N. Y.; B.A. (Queens College of City University of New York); M.A.; *English*; Dr. Patrick B. Mullen

Douglas Stewart Allen, Florence, Ala.; B.S., M.S. (Auburn University); *Zoology*; Dr. John D. Harder

Robert J. Armstrong, Columbus; B.A. (Temple University); M.Div. (Princeton Theological Seminary); *Education*; Dr. William D. Dowling

Linda Smith Bamber, Lancaster; B.S. (Wake Forest University); M.B.A. (Arizona State University); *Accounting*; Dr. Thomas B. Burns

Kamran Barin, Tehran, Iran; B.S. (Arya-Mehr University of Technology); M.S.; *Electrical Engineering*; Dr. Said H. Kouzekanani

Lamont Evan Beaver, Marion; B.S. (Case Western Reserve University); M.S. (Ohio University); *Chemical Engineering*; Dr. Liang Shih Fan

Alireza Behbahani, Tehran, Iran; B.S. (Utah State University); M.S.; *Nuclear Engineering*; Dr. Don W. Miller

Jennifer Anne Bell, Jamaica, West Indies; B.A. (Honors), M.A., Diploma (The University of the West Indies); *Education*; Dr. Lonnie H. Wagstaff

John Robert Bowman, Red Springs, N. C.; B.A. (University of Kentucky); M.S. (Florida State University); *Sociology*; Dr. Alfred C. Clarke

Karen S. Brady, Glendale, Calif.; B.A. (University of California, Los Angeles); M.A. (University of California, Davis); M.S. (California Polytechnic State University); *Agronomy*; Dr. Jerry M. Bigham

James Charles Brown, San Francisco, Calif.; B.A. (University of California); M.S. (San Francisco State University); *Physics*; Dr. Richard G. Seyler

Michael D. Bush, Colorado Springs, Colo.; B.A. (Brigham Young University); M.B.A. (University of Missouri); *Education*; Dr. Gilbert A. Jarvis

Roberta Sapher Cable, Columbus; B.A. (Brooklyn College); M.S.W.; *Health, Physical Education, and Recreation*; Dr. Robert Kaplan

Vivien Ordoná Canora, Cebu City, Cebu, Philippines; B.A., M.A. (University of San Carlos); M.A.; *Agricultural Economics and Rural Sociology*; Dr. Ted L. Napier

Li-Kow Chang, Tung-Sung, Taiwan, R.O.C.; B.S.Ch.E. (National Taiwan University); M.S.Ch.E. (University of Arkansas); *Chemical Engineering*; Dr. Robert S. Brodkey

Woo Hyun Cho, Korea; B.A. (Seoul National University); M.A. (The State University of New York); *Economics*; Dr. Donald O. Parsons

Tai-Tseng Chu, R.O.C.; B.S. (National Cheng Kung University); M.S. (Old Dominican University); *Electrical Engineering*; Dr. Walter D. Burnside

Henry Wei-Ming Chung, Tainan, Taiwan, China; B.S. (National Tsing-Hua University); M.S. (The University of Texas); *Metallurgical Engineering*; Dr. Digby D. MacDonald

Shamita Das Dasgupta, Calcutta, West Bengal, India; B.S., M.A.; *Psychology*; Dr. Henry R. Angelino

Alan Angelo DiSpirito, North Smithfield, R. I.; B.S. (Providence College); M.S.; *Microbiology*; Dr. Olli H. Tuovinen

Daniel Chalsmer Douglas, Columbus; B.S.; M.A. (Chapman College); *Education*; Dr. Walter G. Hack

Frederick Douglas, Jr., Philadelphia, Pa.; B.A. (St. Augustine's College); M.Ed. (West Chester State College); *Health, Physical Education, and Recreation*; Dr. Walter F. Erising

Larry Allan Early, Cincinnati; B.A., M.A. (University of Cincinnati); *Education*; Dr. Greg L. Trzebirtowski

Lee Edward Eklerberry, Columbus; B.S. (Bowling Green State University); *Art Education*; Dr. Arthur D. Efland

Kuo-Shuh Fan, Taiwan, R.O.C.; B.S. (National Chung Hsing University); M.S. (Iowa State University); *Civil Engineering*; Dr. Robert M. Sykes

John Kevin Ford, East Lansing, Mich.; B.S. (University of Maryland); M.A.; *Psychology*; Dr. Richard J. Klimoski

Robert D. Gaglianella, Columbus; B.S.E.E., B.S. (Syracuse University); M.S.; *Electrical Engineering*; Dr. Hooshang Hemami

Richard Kevin Goeke, Bellefontaine; A.B. (University of Notre Dame); M.A.; *Education*; Dr. Donald J. Tosi

Robin Gofberg, Philadelphia, Pa.; B.A. (Temple University); M.A.; *Psychology*; Dr. W. Bruce Walsh

Marcia Mae Gowen, Rochester, N. Y.; B.S. (Smith College); M.S.; *Agricultural Economics and Rural Sociology*; Dr. Fredrick J. Hitzhusen

Harpal Singh Grewal, Narangwal, Punjab, India; B.S., M.S. (Punjab Agricultural University); *Agricultural Economics and Rural Sociology*; Dr. Dale W. Adams

Ahmed Mostafa-M Hassan, Alexandria, Egypt; B.S., M.S. (Alexandria University); *Pharmacy*; Dr. Donald T. Witik

Cheng Hsu, Troy, N. Y.; B.S.I.E. (Tungshai University); M.S.; *Business Administration*; Dr. Wilpen L. Gorr

Thomas Alan Huber, Cuyahoga Falls; B.S. (Westminster College); M.S.; *Agronomy*; Dr. John G. Streeter

Deborah Ann Hunsberger, Wadsworth; B.A. (Oberlin College); M.A. (University of Nebraska); *German*; Dr. Gisela M. Vitt

Roger Clark Inman, Baker, Ore.; D.V.M. (Washington State University); *Veterinary Physiology and Pharmacology*; Dr. Roger A. Yearry

Jamaledin Izadian, Meshed KH, Iran; B.S. (University of Kentucky); M.S.; *Electrical Engineering*; Dr. Leon Peters, Jr.

Shih-Zong Jang, Hualien, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); M.S.; *Civil Engineering*; Dr. Alfred G. Bishara

Stephen M. Judah, Vincennes, Ind.; B.A. (Wabash College); M.A.; *Education*; Dr. Donald J. Tosi

Kenneth Robert Keeley, Westerville; B.S. (East Stroudsburg State College); M.Ed. (Pennsylvania State University); *Education*; Dr. Anthony C. Riccio

John William Kensing, Greenfield; B.A. (Miami University); M.B.A. (University of Utah); *Business Administration*; Dr. Andrew H. Chen

Maureen Rogan Latanick, Columbus; B.S. (Marywood College); M.S. (Case Western Reserve University); *Home Economics*; Dr. Virginia M. Vivian

Lena Mae Leach, Mansfield; A.B. (Friends University); M.A. (California State University); *Music*; Dr. Jerry E. Lowder

Keun-sang Lee, Seoul, Korea; B.A., M.A. (Seoul National University); M.A. (Ohio University); *Political Science*; Dr. David M. Lampton

Robert Down Leffingwell, Slippery Rock, Pa.; B.A. (Westminster College); M.A. (The Pennsylvania State University); *Communication*; Dr. Joseph M. Foley

Sandra Kay Lewis, Pomeroy; B.S.; M.S. (Ohio University); *Health, Physical Education, and Recreation*; Dr. Edward L. Fox

Shew-fen Lin, Columbus; B.S. (National Taiwan University); M.S. (University of Rhode Island); *Chemical Engineering*; Dr. Robert S. Brodkey

Dan Dale Lindley, Salt Lake City, Utah; A.B. (Whitman College); M.S.; *Chemical Engineering*; Dr. Harry C. Hershey

John Francis Littlefield, Waverly; B.S. (St. Peter's College); M.A. (Marshall University); *Education*; Dr. William D. Dowling

Jim Wen Robert Liu, Taipei, Taiwan, R.O.C.; B.S. (The National Taiwan Normal University); M.S. (The Pennsylvania State University); *Horticulture*; *Dr. James F. Gailander*

Yu-Jih Liu, Wyoming, Mich.; B.S. (National Taiwan University); M.S. (University of Rochester); *Electrical Engineering*; *Dr. Stuart A. Collins*

Carol Ann Lyons, Dublin; B.A. (Mercyhurst College); M.A.; *Education*; *Dr. Marlin L. Languis*

Carolyn Ray Mahoney, Columbus; B.A. (Sienna College); M.A.; *Mathematics*; *Dr. Thomas A. Douling*

Michael A. Marchiarullo, Columbus; B.S. (Manhattan College); *Biochemistry*; *Dr. Robert T. Ross*

Stephen Aaron Marcus, New York, N. Y.; B.S. (Union College); M.A.; *Psychology*; *Dr. Richard J. Klimoski*

Ellen Marie Martin-Huff, Columbus; B.S. (Northwestern University); M.A.; *Education*; *Dr. C. Ray Williams*

Phillip Lindsay Mason, St. Louis, Mo.; B.F.A., M.F.A. (California College of Arts and Crafts); *Art Education*; *Dr. Arthur D. Efrand*

Thomas C. McCain, Trenton, S. C.; B.S. (Paine College); M.Ed. (University of Georgia); *Education*; *Dr. William Moore, Jr.*

Marilynn Mikolusky, Clarion, Pa.; B.A., M.A. (Michigan State University); M.A.; *Education*; *Dr. Roy A. Larmee*

Mark Allen Miller, Oak Ridge, Tenn.; B.A. (College of Wooster); M.S.; *Chemistry*; *Dr. Eugene P. Schram*

Elizabeth A. Miranda, Caguas, Puerto Rico; B.A., M.S.W. (University of Puerto Rico); *Social Work*; *Dr. Richard R. Medhurst*

Shaker Ahmed Mousa, Columbus; B.S., M.S., M.S. (University of Alexandria); *Pharmacology*; *Dr. Daniel Couri*

Michael Patrick Murphy, Columbus; B.S. (Xavier University); *Pathology*; *Dr. Gerald P. Brierley*

Michael Lee Norton, Vienna, Va.; B.M.Ed. (James Madison University); M.A.; *Music*; *Dr. Keith E. Mixer*

Richard Peter Oestreich, Worthington; B.A. (St. Francis College); M.A. (Catholic University of America); M.A. (University of Wisconsin); *Education*; *Dr. Steven W. Leclair*

Camilo Lalap Opena, San Pablo City, Philippines; B.S.A., M.A.B. (University of the Philippines); M.B.A.; *Business Administration*; *Dr. Lee C. Nehrt*

Tamer Mehmet Ozsuz, Ankara, Turkey; B.S., M.S. (Middle East Technical University); M.S.; *Computer and Information Science*; *Dr. Bruce W. Weide*

Georgia Larsen Parchem, Granville; B.A. (Macalester College); M.A. (University of Vermont); *Education*; *Dr. George L. Lewis*

Arie Pery, Columbus; B.S., M.S. (Technion, Israel); *Mechanical Engineering*; *Dr. Ernest O. Doebelin*

Jill A. Pfister, Springfield; B.S., M.S. (University of Maryland); *Agricultural Education*; *Dr. Lawrence H. Newcomb*

Robert J. Puskas, Dayton; B.S. (Pennsylvania State University); M.S.; *Electrical Engineering*; *Dr. Curt A. Lewis*

Mohammad Abdul Quadir, Kendua, Mymensingh, Bangladesh; B.S., M.S. (Bangladesh Agricultural University); *Horticulture*; *Dr. Dale W. Kretschman*

Mohammad Rabieh, Iran; B.S. (Tehran University); M.A.; *Vocational Education Comprehensive Program*; *Dr. Otto Santos*

Kathleen Theresa Rajkowski, Columbus; B.S. (New York University); M.S. (University of Connecticut); *Food Science and Nutrition*; *Dr. Emil M. Mikolajcik*

Thomas Guy Savino, Columbus; B.A. (Cornell University); *Chemistry*; *Dr. John S. Swenton*

Wendy Talbott Schaff, Pataskala; B.A. (Connecticut College); M.A. (University of Connecticut); *Psychology*; *Dr. Henry Leland*

Linda Gail Schoen, Columbus; B.A., M.A.; *Psychology*; *Dr. Lyle D. Schmidt*

James Owen Schwarz, Groveport; B.S., M.A.; *Health, Physical Education, and Recreation*; *Dr. Daryl Siedentop*

Jeong-Shik Shin, Seoul, Korea; B.Comm., M.Comm. (Seoul National University); M.A.; *Economics*; *Dr. Jerry G. Thursby*

Gong-Huey Shue, Columbus; B.S. (National Chung-Hsing University); M.S. (National Taiwan University); *Chemistry*; *Dr. Harold Shechter*

Yuk-chow So, Kowloon, Hong Kong; Diploma (Hon.) (Hong Kong Baptist College); M.B.A. (Western Illinois University); *Business Administration*; *Dr. Andrew H. Chen*

Suzanne Crain Stege, Delaware; B.A. (Texas Tech University); M.Ed. (Tulane University); *Education*; *Dr. James V. Wigtil*

Betty Wilson Story, Jefferson, Tex.; B.S. (Meharry School of Nursing); M.S.; *Education*; *Dr. Anthony C. Riccio*

Mary Beth Strauss, Columbus; B.S.N. (Cornell University); M.N. (University of Washington); *Education*; *Dr. Lonnie H. Wagstaff*

Tzyh-Chiang Sun, Taipei, Taiwan, R.O.C.; B.S., M.S. (National Chen-Kung University); *Metallurgical Engineering*; *Dr. David A. Rigney*

Carol Ann Sutton, Indianapolis, Ind.; B.A. (Purdue University); M.A.; *Psychology*; *Dr. Henry R. Angelino*

James Alan Tackett, Niles; B.S., M.B.A. (Youngstown State University); *Accounting*; *Dr. John K. Shank*

Akbar Tavakoli-Qinani, Isfahan, Iran; B.A. (Tehran University); M.A. (University of California); *Economics*; *Dr. Donald R. Haurin*

Wen-Ta Tsai, Miao-Li, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); M.S. (University of Wisconsin); *Metallurgical Engineering*; *Dr. Susan S. Smialowska*

Charles Craig Weaver, Worthington; B.S. (Otterbein College); M.A. (Xavier University); *Education*; *Dr. Donald K. Matheus*

Elizabeth J. Weldon, Mission, Kans.; B.A. (California State University); M.A.; *Psychology*; *Dr. Milton D. Hake*

David Clement Whitcomb, Warsaw, Ind.; B.S. (Manchester College); M.S.; *Physiology*; *Dr. Margaret T. Nishikawara*

Darrell Leon Wilkes, Hawk Springs, Wyo.; B.S., M.S. (University of Wyoming); *Animal Science*; *Dr. Walter R. Harvey*

Maria Rosa Olivera Williams, Uruguay, South America; B.A.S. (University of Toledo); M.A.; *Romance Languages and Literatures*; *Dr. Grinor Rojo*

James Thomas Zebroski, Columbus; B.S., M.A.; *Education*; *Dr. Donald R. Bateman*

Master of Accounting

Katikineni Ashok Kumar, Hyderabad, Andhra Pradesh, India; B.S. (Osmania University); M.B.A.; *Accounting*

Vijay Kumar Sankaran Puducheri, Madras, India; B.S. (University of Madras); M.B.A.; *Accounting*

Su-Ming Angela Tsai, Taipei, Taiwan, R.O.C.; B.A. (Fu-Jen Catholic University); *Accounting*

Master of Applied Statistics

Peter Austin Beshuk, Pataskala; B.A. (Ball State University); *Statistics*

Master of Architecture

Messaoud Abbaoui, Setif, Algeria; B.Arch. (University of Constantine); *Architecture*

Dana Quigley Brawley, Columbus; B.A. (University of Washington); *Architecture*

Charles Coleman Griffith, Washington, D. C.; B.Arch. (Catholic University of America); *Architecture*

Gregory Wayne Gutman, Columbus; B.S. (University of Illinois); *Architecture*

Steven D. Herold, Columbus; B.S. (Miami University); *Architecture*

Said Madani, Setif, Algeria; B.Arch. (University of Constantine); *Architecture*

Master of Arts

Virginia D. Anderson, Delaware; A.B. (Pembroke College in Brown University); *Education*

Laurel Susan Antler, Columbus; B.S.; *Education*

Cheryl S. Babcock, Reynoldsburg; B.A.; *Education*

Anna Bahiri, Columbus; B.A. (Bengurion University); *Education*

Timothy George Baily, Taunton, England; B.A. (Durham University); *History*

Dorothea Louise Barry, Mansfield; B.S. (Ohio University); *Education*

Dan Evan Belville, Delaware; B.S. (Bowling Green State University); *Education*

Marie L. Berrocal, Columbus; B.A. (University of Puerto Rico); *Art Education*

Minda S. Bickley, Columbus; B.A.; *Communication*

Kent Norman Bowser, Columbus; B.A., B.S.; *Photography and Cinema*

Daniel V. Bradhurst, Circleville; A.B. (Ohio University); *Public Administration*

Eva Spence Brunken, Oklahoma City, Okla.; B.S. (Central State University); *Education*

Vinnie Vanessa Bryant, Montrose, Ga.; B.S. (Fort Valley State College); *History*

Susan E. Burbridge, Cincinnati; B.A. (Wittenberg University); *Psychology*

Virginia Davis Caldwell, Columbus; B.S.; *Education*

Mary Josephine Cattey, Columbus; B.S.; *Education*

Catherine G. Cockrell, Columbus; B.S. (Southern University); *Education*

Jill Prinkey Conrad, Columbus; B.S. (Slippery Rock State College); *Education*

William Lee Crawford, McDermott; B.S. (Cameron College); M.Ed. (Ohio University); *Education*

Deborah Daubenspeck, Austintown; B.A.; *Communications*

James Leroy Davis, Hilliard; B.Mus. (Capital University); *Music*

Jady L. DeGiralomo, Columbus; B.S.; *Education*

Rose M. DeGraaf, Columbus; B.A. (Calvin College); *Education*

Rose M. DePontis, Milwaukee, Wis.; B.A. (University of Wisconsin); *English*

Davan James Dodrill, Columbus; B.A. (University of South Carolina); B.S.; *Education*

Linda Eberst Dorsten, Columbus; B.A. (Otterbein College); *Sociology*

Alawia Mohammed El-Natig, Khartoum, Sudan; B.A. (University of Khartoum); *Black Studies*

David Ray Ellison, Columbus; B.A. (Davidson College); *Psychology*

David Allen Faulconer, Arlington, Va.; A.B. (Indiana University); *Sociology*

Karen Marie Fitzsimmons, Columbus; B.A. (University of Dayton); *Education*

Mark Philip Ford, Mansfield; B.S.; *History of Art*

Stuart Alan Foster, Washington C. H.; B.A. (West Virginia University); *Geography*

Garry Leroy Fourman, Dayton; Zwischenprüfung (Marburg, West Germany); *German*

Yu-Chin Shu Fu, Taoyuan, Taiwan, R.O.C.; B.A., M.A. (National Chengchi University); *Psychology*

Jane E. Garber, Lancaster; B.S. (Ohio University); *Education*

Genetta Ann Gardner, Columbus; B.A. (Wright State University); *History of Art*

Edwin Harmon Garver, Westerville; B.S. (Capital University); *Health, Physical Education, and Recreation*

Denise Marie Geregach, North Royalton; B.S.; *Public Administration*

Lorna Montie Gerhart, Cleveland; B.A. (Oberlin College); *Political Science*

Pamela L. Gouldsberry, Avon Lake; B.S.Soc.Wel.; *Public Administration*

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Kenneth W. Turteltaub, Ashtabula; B.S.; *Animal Science*

Carol Lynn Urbanik, Pataskala; B.S.; *Alled Medical Professions*

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Harold Dwight Watters, Waverly; B.S.; *Agronomy*

Dale Owen Wilson, Jr., Euclid; B.S. (University of Wisconsin); *Agronomy*

Steven Michael Wilson, Lancaster; B.S.; *Agricultural Engineering*

Susan Lynne Wilson, Gallatin, Tenn.; B.S. (University of Tennessee); *Agronomy*

Hsien-Yat Wu, Taipei, Taiwan, R.O.C.; B.S. (Tungshai University); *Animal Science*

John Joseph Wukie, Grafton; B.S.; *Interdisciplinary: Physiological Chemistry and Physiology*

Drausin Foster Wulsin, Columbus; B.A. (Amherst College); *Agricultural Economics and Rural Sociology*

Michele Harshman Young, Wellington; B.S.; *Poultry Science*

Master of Social Work

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Richard Sunderman, Columbus
Robert Albert Withers, Jr., Martins Ferry
Marta L. G. Woods, Mansfield

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Dawn Eve Anderson, Columbus
 Andrew J. Austin III, Columbus
 Beverly Ann Baas, Worthington
 Douglas Kent Basiger, Delaware
 John Robert Beacham, Austintown
 Jane Adrian Berns, Zanesville
 Loretta Denise Biggers, Cleveland
 Jeffrey W. Black, Canal Winchester
 Elena Claire Boles, Columbus
 Michael F. Bowers, Columbus
 Jeffrey Clinton Courter,
 Charleston, W. Va.
 Richard Glen Dakin, Lebanon
 Dwan Alan Decker, North Olmsted
 Diane L. Dillon, Columbus
 James Kevin Doyle, Columbus
 Sharon Marie Eisenhauer, Kettering
 Dawn Sue Eishen, Ashley
 Marybeth Fischer, Moreland Hills
 Debra Joanne Fletcher, Columbus
 Gloria Jane Fosgate, Toledo
 Brett Anthony Fox, Oakwood
 Jeffrey Allan Goulet, Mason
 Marlene Jayne Griffith, Marysville
 Scott Mitchell Guthrie, Mansfield
 Raymond Yussif Hamidou,
 Niamey, Republic of Niger
 Peggy Jeanette Hazen, Mansfield
 Cathy S. Herbert, Grove City
 Christie Annette Hill, Haskins
 David Wayne Holzer, Columbus
 Marie Liu Hsieh, Columbus
 Deborah Ellen Huffman, Wheaton, Ill.
 Mary Mildred Jaster, Columbus
 Donna Joyce Jennewine, Xenia
 Jeffrey Alan Johnson, Cambridge
 Barbara Ruth Jonas, Bay Village
 James Stanley Kalin, Strongsville
 Cynthia Ann Keinath, Newark
 John Frederick Kintner, New Concord
 John D. Kirkendall, Van Wert
 Ann Costigan Knecht, Cincinnati
 Cynthia Ann Labafinejad, Akron
 Susan Diane Lasky, Mayfield Heights
 Marc Alan Lautenschleger, Baltic
 Deborah Lynn Harper Madera, Lancaster
 Agatha Martin, Canton
 Wendy Leigh McWherter, Solon
 Lisa Marie Melvin, Washington C. H.
 Brenda Kay Muncie, Columbus
 Wendy Nichols, Miami, Fla.
 Lawrence John Novak, Sylvania
 Carolyn Marie Nowakowski, Sylvania
 Jeffrey L. Pierron, Marion
 Laura Ann Reutter, Mt. Gilead
 Bernadette F. Saccocio,
 Inish Bofin, Galway, Ireland
 Maria Christos Samaras, Columbus
 James M. Samson, Mentor
 James Peter Sandercrook, Fairview Park
 John Steven Seidenschmidt, Grove City
 Christopher M. Shaffer, Lexington
 James Earl Shook, Gambier
 Avis Karen Small, Miami, Fla.
 Merrill Smith, Jr., Milner, Ga.
 Judy Ratliff Stansbury, Granville
 Mary Mogan Stephens, Columbus

Keith A. Thomas, Van Wert
 Thomas Richard Thomasson,
 Upper Arlington
 Dianna Adams Walters, Columbus
 Michael Harrison Watson, Columbus
 George E. Weasel III, Toledo
 Tracy Ann Yee, Columbus
 Linda Lee Zimmer, Warren

Bachelor of Science

Philip Andrew Allen, Urbana
 Kenneth Duane Allred, Worthington
 Raymond H. Baker, East Claridon
 Vicki L. Carnicom, Port Clinton
 Jacqueline Jordan Cole, Plain City
 Terri Yolanda Coombs, Dover, Dela.
 Lori Ann Huber, Bluffton
 Michael Aaron Lamp, Hebron
 Timothy Loudermilk, Norwood
 Gregory Joseph Mazak, Wickliffe
 Judith A. Moran, Youngstown
 Deborah Ann Pitzo, Boardman
 Steven G. Schwartz, Columbus
 Brenda J. Sheaffer, New Holland, Pa.
 Jeanne Sue Sommer, Trotwood
 Bruce Albert Tesi, Buckeye Lake
 Fredric B. Wehmuller,
 Hoffman Estates, Ill.

Certificate of Latin American Studies

Henry H. Wilson, Westford, Mass.

School of Journalism

Bachelor of Arts in Journalism

Frank Harris Alkyer, Austintown
 Michelle L. Amato, Canton
 Nola Carole Armstrong, Columbia, S. C.
 Peter Steven Basiakos, Canton
 Maryjane Ratusz Bogden, Columbus
 Charles William Brokaw, Kingsport, Tenn.
 Lynne Jones Brungarth, Grove City
 Jeffrey Allen Byrd, Upper Arlington
 Jennifer Lynn Collins, Columbus
 Angela Faye Fishback, Lexington, Ky.
 Mary Lou Fountas, Westerville
 Robert Patrick Frew, Scio
 Aaron William Haupt, Columbus
 Robert James Herbert, Morristown, N. J.
 Linda Horner, Shaker Heights
 Cynthia Lee Jack, Columbus
 Ronald Jeffrey Keplinger, Springfield
 Michael D. King, East Canton
 Stephen Michael Larcomb, Marion
 Karen Anne Layton, Grandview
 Karen M. Misonish, Stratton
 Dulcie Neiman, Dayton
 Michael J. Norman, Akron
 Linda L. Parker, Worthington
 Judi Lynn Perlman, Cincinnati
 Erin Anne Scanlon, Newark
 Deborah Sue Spillane, Troy
 Susan E. Weiss, Cleveland

1 Offered by the College of the Arts
 2 Offered jointly by the College of the Arts
 and the College of Education

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Joel Millard Ailes, Alliance
 Carl Edward Allyn, Fairborn
 Bettye A. Anderson, Columbus
 Jeffery Alan Anon, Dayton
 Digvijay N. Appaya, Lima
 Jacqueline Ann Arnold, Westerville
 Michael Aloysius Arnold, Zanesville
 Judith Ann Artz, Fort Wayne, Ind.
 Gregory Louis Averesh, Lima
 Eugene Thomas Baker, Canfield
 James Cassel Ballinger, Columbus
 Timothy John Barker, Groveport
 James R. Baumhoyer, Columbus
 Thomas John Becker, Kettering
 Constance Elaine Beelman, Columbus
 Diane Kay Bemis, Versailles
 Mark Steven Bennett, Columbus
 Steven B. Berzon, Canton
 Timothy Paul Blaesser, Dayton
 Randy Roy Blauser, Columbus
 Duane Anthony Borgman, Parma
 Scott Barnes Bradley, Centerville
 Gary Dale Branson, Mansfield
 Kimberly Jo Brenneman, Englewood
 James Kenneth Bricker, Sidney
 Wade Alan Bright, Marysville
 Rebecca Dee Brinkman, Galion
 Michael Lawrence Britt, Kettering
 Valerie Jean Brom, Loveland
 Douglas John Brough, Newark
 Christopher Paul Brown, Granville
 John Eric Brunst, Parma Heights
 Allen Daniel Buckeye, Avon Lake
 Scott Charles Burns, Portsmouth
 Ted Steven Byrer, Columbus
 Scott Alan Cammarn, Worthington
 Carol Elizabeth Campbell, Columbus
 Lucile Yolanda Campbell,
 Lawrenceville, N. J.
 Steven R. Carlson, Newark
 James John Cicchetti, Jr., Columbus
 Craig A. Conroy, Marion
 Sandra Dean Cooperrider, Hebron
 Susan Maria Corbin, Dayton
 Richard Lewis Coulter, Reynoldsburg
 Jeffrey Edward Courtright, Westlake
 David James Cox, Columbus
 James Richard Craft, Wapakoneta
 Herbert Edmund Crookall, Sparta, N. J.
 Kevin Patrick Crowley, Columbus
 Brett W. Davis, Bay Village
 Daniel Alan Dawe, Lima
 Fred Dominic DeBiasi, Independence
 Charles William Denzer, Dunedin, Fla.
 Philip James DePauw, North Olmsted
 Sheri Lynn Desatnik, Cincinnati
 James Francis Dominin, Vermilion
 Jeffrey Allen Donatini, Canton
 Keith Ray Dotson, Columbus
 Bryan Michael Doty, Huron
 Daniel Joseph Duffy, Columbus
 Carrie Jane Dunham, Gahanna
 Susan Dutchan, Norton
 Robert Dean Eberhart, Dublin
 David Brian Eichert, Cincinnati

Michael William Ellerman, Delphos
 Patrick Edward Eley, Columbus
 Scott Michael Engle, Columbus
 Stephen Michael Evans, Little Hocking
 James Hugh Farthing, Columbus
 Stephen Leonard Flood, Salem
 Stephen Scott Foster, Reynoldsburg
 Christopher Hampton Gardier, Columbus
 Steve Craig Gee, Dayton
 Jeffrey Bennett Gerrard, Mayfield Heights
 James Patrick Gilbride, Columbus
 Randall Robert Gillham, Newark
 Neal Alan Gogol, Parma
 Curtis Scott Gorman, Mason
 Jeffrey Alan Gratz, Pandora
 Shari Lynn Gray, Worthington
 Leo Steven Grimes, Columbus
 Keith Allen Gud, Cincinnati
 Asitha Gunasekera, Alawwa, Sri Lanka
 Cynthia Ann Hafer, Vandalia
 Alan Dale Hair, Orrville
 James Clark Hall, Marion
 Alan B. Hallock, Medina
 Cynthia Louise Halpin, Cincinnati
 John Edward Hamilton, Jr., Waverly
 David Glenn Hammond, Perryville
 Gary Christopher Harkey, St. Louis, Mo.
 Douglas Kyle Harman, Columbus
 Michael Alan Harmon, Columbus
 Janice Elaine Harris, Chillicothe
 David Anthony Hartman, Loveland
 Eric Thomas Heckman, Piqua
 Richard William Heckman, Germantown, Tenn.
 Deborah Ellen Heft, Lewisville
 Anita Lynne Hempling, Findlay
 Kimberly Suzanne Hiles, Bay Village
 Don Charles Hoffman, Columbus
 Kevin Joseph Hoover, Elyria
 Mark Thomas Horstman, Centerville
 Darrell Wayne Houmes, Columbus
 Mary Hoyer House, Cincinnati
 Matthew Joseph Hudak, Solon
 Nancy Jo Hughes-Schroyer, Toronto
 Jeffrey Lee Hunt, Wauson
 Teresa Ann Hupp, Laurelville
 Kathleen Hyland, Hubbard
 Robert John Inlay, Zanesville
 Robert Lewis James III, Wilmington, Del.
 Maura Lynn Johns, Columbus
 Carletta Yvonne Johnson, Toledo
 Douglas William Johnson, Columbus
 Linda Goodwin Johnson, Columbus
 William B. Johnson, Jr., Marietta
 Kenneth Perry Jones, Shelby
 Edward Dean Kane, Sandusky
 James Gerard Kasubinski, Elyria
 Eric Jon Kaufman, Ottoville
 Ron Lee Kazmerzak, Columbus
 Terrence Patrick Kelley, Columbus
 Jack Edward Kemper, Minster
 Robert Joseph Kent, Chardon
 Joseph Michael Kessler, Dayton
 Janine Ann Key, London
 Richard Lee Kiefer, Cincinnati
 Mark Joseph Kiessling, Cincinnati
 Bolin Howard Killings, Cleveland
 Michael Paul King, Caledonia
 Nicholas Christian King, Wauseon
 Gerard Thomas Kirwan, Worthington
 Anthony F. Klobuchar, Chicago, Ill.
 Brad Allen Knecht, Lancaster
 Linda Kay Konkler, Grove City
 Benjamin Kornegay, Washington, D. C.
 David Alan Kosanovic, Columbus

Kevin Bernard Kramer, Fairlawn
 Janella Leona Kratzner, Cincinnati
 Kenneth Edward Kukral, Independence
 Fredrick James Kuntz, St. Clairsville
 Barbara Ann Kurucz, Westerville
 Jeffrey Alan Kwerder, Youngstown
 William I. Lammers, Jr., Cuyahoga Falls
 Wolfgang A. Lant, Cleveland
 Douglas Gordon Lanum, Columbus
 Derrick Steven Layer, Columbus
 Joseph J. Leckemby, Jr., Brunswick
 Andrew Mark Lovit, Reynoldsburg
 Jeffrey Karl Lucas, Columbus
 Stuart Dean Lucas, Ashland
 Daniel Coleman Lukac, Jr., Celina
 David Michael MacArthur, Cincinnati
 Richard James Mack, Brecksville
 Thomas Joseph Mackin, Columbus
 Terrence Earl Maltbia, Toledo
 Lloyd J. Mandel, Wilmette, Ill.
 Anthony Scot Manna, Richfield
 Donald Lee Manning, Columbus
 John Jeffery Marvin, Centerville
 Carol Lee Mawhor, Columbus
 Daniel Joseph McCormick, Sandusky
 Thomas Douglas McDonald, Elyria
 Randy Louis McFarland, Medway
 Robert Alan McIntire, Youngstown
 Christopher K. McIntosh, Middletown
 Joseph August Meiresonne, Columbus
 Edgar Littleton Merritt, Cincinnati
 Nancy Claire Miller, Bellefontaine
 Jerriilyn Lee Mills, Chippewa Lake
 Norman James Minahan, Mansfield
 Jacqueline Sue Mitchell, Crystal Lake, Ill.
 Rocco J. Morando, Columbus
 Lou Ann Mucciarone, Conneaut
 Jeffrey Richard Muir, Pickerington
 John Charles Munch, Marion
 Perry Steven Neal, Zanesville
 Ronald Roger Niekamp, St. Henry
 Sherry Lynn Nowell, Columbus
 Thomas Richard Ogilbee, Hilliard
 Jo Ann Olson, Youngstown
 Richard James Ooten, Lima
 Craig Alan Pagels, Dewittville, N. Y.
 Wei Pai, Taiwan, R.O.C.
 Peter J. Pappadakes, Columbus
 Lina Pastor, San Mateo, Calif.
 John Frank Pellegrino, Yorkville
 Mark Paul Plungis, Cincinnati
 James J. Porea, Canfield
 Glen W. Poston, Gahanna
 Robert Byron Poulson, Columbus
 Jeffrey Paul Powers, Columbus
 Mary Elizabeth Powers, Coshocton
 Donna Jean Pranger, Stow
 Benjamin Brooks Price, Columbus
 Eric Charles Price, Cleveland
 Andrea Pukita, Poughkeepsie, N. Y.
 Michael Edward Pultz, Columbus
 Alan Puterbaugh, Troy
 Timothy Francis Racher, Columbus
 Ida Sue Ranft, Columbus
 Lenora Denise Rasberry, Akron
 Douglas Charles Rau, Moreland Hills
 Jon Anderson Rechsteiner, Columbus
 Diane Renner, Loveland
 Thomas Hugh Ridge, Richwood
 Ross J. Robinett, Dayton
 Thomas Robert Rohrer, Jr., Coshocton
 John Douglas Roll, Columbus
 Carol Lynn Rose, Centerville
 Jennifer Case Rose, Columbus
 Charles David Ruby, Columbus

Samuel John Russo, Madison
 J. David Ryan, III, Columbus
 Sunday Jo Safran, Parma
 Kathryn Lee Schene, Dayton
 D. Paul Schmidt, Dayton
 John Harley Schultz, Dayton
 Susan Lee Schwarzkopf, Newark
 Martha M. Schwieterman, Worthington
 Mark Robert Scofea, Ashland
 Robert C. Searles, Sunbury
 James Richard Secrist, Urbana
 Frances Minnich Self, Canal Winchester
 Martin Paul Shertzinger, Cockeysville, Md.
 Mary Ann Shoemaker, Basking Ridge, N. J.
 Lynne Marie Simon, Versailles
 Scott Charles Slack, Amherst
 Brian Edward Spillman, Columbus
 Mark Kevin Spradlin, Franklin Furnace
 Larry James Stahl, Cleveland
 Brian Lee Stees, Marion
 Marilee Stinemetz, Columbus
 Douglas Wade Stotlar, Burton
 Alessia Esther Stuart, Columbus
 David Paul Tague, Columbus
 Thomas C. Temelkoff, Canfield
 Dan Rafael Villalobos Ghersi, Columbus
 Robert A. Violi, Whitehall
 Michael J. Vivaldo, Youngstown
 Douglas Charles Vrona, Columbus
 Patrick Andrew Watkins, East Liverpool
 Jerry Edwin Weakland, Loudonville
 Garry Randall Weich, Seven Hills
 Theresa Marie Weimert, Novi, Mich.
 Melissa Ann Wheeler, Columbus
 Sherrie Lynn White, New Carlisle
 Timothy Martin Williams, Dayton
 Linda Jo Williamson, Columbus
 Denise Dawn Wines, Wheelersburg
 Brian Lee Wnek, Tiltonsville
 Christopher T. Wolff, Gambier
 Kenneth Eugene Wolford, Danville
 Kenneth Richard Wright, Reynoldsburg
 Stephen Richard Yant, Canton
 Douglas John Young, Columbus
 Linda Kathleen Ziats, Delaware

Bachelor of Science in Labor and Human Resources

Diane Marie Pavoni, Columbus

College of Agriculture and Home Economics

Acting Dean: Francille M. Firebaugh

Bachelor of Science in Agriculture

Jill Renee Abplanalp, Willoughby
 Kevin Dale Adams, Leesburg
 Robert Wayne Andersen, Granville
 Robert Wayne Ashabraner, Fairborn
 Patricia Fay Aylsworth, Columbus
 LuAnne Back, Middletown
 John Morgan Baker, Worthington
 Mary Theresa Bandenburg, Cincinnati
 Paul Alan Berkley, Plain City
 Jeffery Lynn Berns, Middletown
 Jerry Robert Boos, Sandusky

Brian Lee Bournival, Litchfield
 Lisa Marion Bowers, Columbus
 Patrick Michael Bryan, Carrollton
 Mike Gerard Busmeyer, Cincinnati
 Thomas Edward Cabill, Galion
 Charles Leonard Carpenter, Columbus
 Martha Jemison Carpenter, Powell
 Mark Lee Clark, Attica
 David Alan Claypool, Newark
 Debra Kay Collins, Columbus
 Ronald Irwin Diefenthaler, Toledo
 Patrick Timothy Eakin, Lockbourne
 Katherine Marie Elsasser, Piqua
 David Scott Etzkorn, Wapakoneta
 Duane David Fovargue, Painesville
 Keith Calvert Garstick, Columbiana
 Collin Carl Gierke, Adamsville
 Philip Curtis Gooding, Sharrodsville
 Mark Andrew Green, Hebron
 Leslie Lynn Grigorenko, Dublin
 Donald Keith Grossman, Columbus
 Julie A. Harris, Rocky River
 Lisa Ann Harter, Thurston
 Christopher Jay Haunty, Worthington
 Selden Heath III, Waynesville
 Paul Eugene Heilman, Kenton
 Joseph Neil Higgs, Medina
 Janice Ann Holmes, Columbus
 Kenneth Wade Holthouse, Willard
 Annette Christine Hommel, West Carrollton
 Timothy Warren Horan, South Point
 Mark Edward Imhoff, Madison
 Kenneth Lester Jewell, Marysville
 Kevin Richard Keller, Lancaster
 Shari Annette Kennedy, Johnstown
 James Steven Kish, Wellington
 Gretchen Ellen Krieger, Jeffersonville
 Jeffrey Brian Krieger, Columbus
 Timothy Lynn Lawlis, Cambridge
 Steven Scott Leis, Ansonia
 Michael Jude Liston, Columbus
 Laurie Virginia Long, Columbus
 Ricky Alan Mahaffey, Prospect
 Kenneth Paul Mahle, Celina
 Susan Carol Malz, Chagrin Falls
 Kevin Scott McQuinn, Middletown
 Duane Courtney Mikolas, Curtice
 Dale Robert Miller, Delaware
 Randy Lee Miller, West Unity
 Judith D. Moglia, Columbus
 William Thomas Mondak, Middleburg Heights
 Kathryn Joan Murphy, Bexley
 Susan Kay Mykrantz, Wooster
 Michael David Oetzel, New Richmond
 Lydia Irene Pastuchiw, Lorain
 Donald Stanley Pijak, Creamridge, N. J.
 Glenn Harold Porter, Dayton
 Kate Wemple Pouch, Columbus
 Maria Teresa Richard, Powell
 Barry Lloyd Richardson, Coolville
 Gregory Wilson Ritter, Worthington
 Lori Beth Roberts, Mechanicsburg
 Roger Lee Roeth, Piqua
 Mark Allen Rose, Forest
 Denise Anne Ryba, Parma
 Leonard Dale Sips, Bucyrus
 Martha Louise Slater, Hebron
 Sharon Jane Smithyman, Columbus
 Thomas Robert Spettel, Norwalk
 William Alan Spreng, Perryssville
 Michael Warren Squires, Chesterville
 Dan Milton Swaisgood, Polk
 Stephen Robert Thomas, Radnor
 Kevin Joseph Trombley, Westerville

Steven Donald Vorwerk, Napoleon
 Max Stephen Walter, Thornville
 Michael Lee Waybright, Canal Fulton
 Timothy Norman Wehri, Cloverdale
 John William Weinacker, Galena
 Elizabeth Ann Zoeller, Hamilton
 Linda Anne Zupnick, Bexley

Bachelor of Science in Food Science

Douglas Robert Sipes, Columbus

Bachelor of Science in Nutrition

Stephanie Nameiu Shaw, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Mary Annette Allori, Heath
 Joanne Michelle Brennan, Columbia, S. C.
 Diana Joy Catlett, Lima
 Lisa Therese Culichia, Columbus
 Deanna Lee Diehl, Heath
 Judith Ann Fischbach, Ottawa
 Vivian Shontee Hawkins, Columbus
 Debora Lyne Hawthorne, Columbus
 Susan Karnap Hopkins, Columbus
 Diana Lynn Huffman, Delroy
 Kim D. Jaffee, Columbus
 Andrea Constance Jones, Columbus
 Julie Ellen Knopp, Columbus
 Linda Anne Lewis, Columbus
 Sharon Kay Light, Cincinnati
 Stacie Jean Mahaffey, Zanesville
 Cathy L. McKenzie, Columbus
 Debra Birbal Mount, Columbus
 Elizabeth M. Muessen, Chatham, N. J.
 Cheryl Ann Murphy, Columbus
 Loretta Myers, Columbus
 Pamela Bernadette Puskac, Columbus
 Cindy L. Ratcliff, Columbus
 Karen Louise Schrote, Marion
 Beverly J. Steenrod-Weiss, Jackson Center
 Barbara Ann Stone, Dublin
 Terri Lynn Taylor, Radnor
 Linda Lee Tomazoli, Tiltonsville
 Sarah Jane Watson, Hudson
 Carol Hines Williams, Columbus
 Cheryl Ann Winzig, Columbus
 Sharon L. Workman, Columbus

Bachelor of Science in Restaurant Management

John Edward Cairns, Columbus
 Cheryl Ann Chudakoff, Lyndhurst
 James Edward Primovic, Bridgeport

School of Natural Resources

Bachelor of Science in Natural Resources

Richard Scott Abram, South Euclid
 Daniel Lawrence Aden, Batavia
 Kathleen Amelia Albers, Cincinnati
 Michael Gene Baker, Columbus
 Richard Erwin Brausch, Cincinnati
 Steven Richard Cothrel, Metamora
 Robert William Crowley, Jr., Columbus
 Gerald Barton Devol, Buchtel
 Gary Arthur Floyd, Tiffin
 Kimberly Anne Gardner, Yardley, Pa.
 M. Carol Bennisson Goodman, Kettering
 Richard Dwight Goodman, New Philadelphia
 Suzanne Goodwin, Greenville
 Peter Martin Haendle, Nedrow, N. Y.
 Raymond John Hafner, North Olmsted
 John Lester Huffman, Clyde
 Karen Boston Kemple, Columbus
 Daniel Raymond Kenney, Springfield
 George David Kleevic, St. Clairsville
 Daniel Mark Lafferty, Coshocton
 Garth Edward LaJeunesse, North Olmsted
 Brian Grant McBroom, Columbus
 Robert Scott McFarland, Ashville
 Daniel John Means, Plain City
 Robert Thomas Murphy, Columbus
 Suzanne Lynn Russell, Granville
 Kathleen Helena Smith, Columbus
 Mark Gordon Taylor, Wilson, N. Y.
 David Allen Volkman, Napoleon
 Scott Gregory Wolff, Brunswick

Agricultural Technical Institute-Wooster

Associate in Applied Science

Charles Mark Ashdown, Fairfield
 Gregory Allan Baker, Carey
 Keith Allen Balduff, Huron
 Christine Anne Benson, Pittsburgh, Pa.
 Susan Gayle Davis, Casstown
 Marcia Ann Eck, Toledo
 Stephen Francis Ehrbar, Chardon
 Andrew Mark Fichtelman, Sunbury
 Allan R. Funke, Cincinnati
 Judith Ann Hans, Loudonville
 Sandra Kay Hartman, Athens
 Ralph Patrick Hennessy, Carey
 Deirdre Anne Hottot, Seville
 Stephen Louis Krietemeyer, Ft. Jennings
 John Gordon LaBine, Maumee
 Kevin Thomas Larizza, Canton
 Michael Henry Littig, Worthington
 Douglas Weldon Long, Bluffton
 Michael Chad McCully, Minerva
 Kerry Robert Martin, Canfield
 Edward James Nettleton, Wooster
 Lisa Ann Nicholson, East Liverpool
 Richard Paul Oleick, Steubenville
 Benjamin J. Ruf, Lewisburg
 Connie Ann Sampson, Millersburg
 Doug Keith Shamblen, Wooster
 David Alan Snavely, Lexington
 Daniel Allen Stump, Findlay

Bryan Lynn Switzer, Findlay
 Rebecca Joy Wheeler, Madison
 Thomas Ray Williamson, Wooster
 Dean Francis Wolboldt, Holmesville

College of Dentistry

Dean: William R. Wallace

Certificate of Graduate Dental Hygienist

Dawn Margaret Ellis, Columbus
 Amy Joyce Watson, Westerville

College of Education

Acting Dean: Russell J. Spillman

Bachelor of Science in Education

Marsha Diane Addie, Cleveland
 Christa Jean Adlperger, Hamilton
 Kevin Thomas Akins, Webster, N. Y.
 Steven Mark Andrews, Marion
 William C. Andrews, Cambridge
 Matthew Roland Aucoin, Loveland
 Jan Bair, Mansfield
 Debra Kay Bechtol, Mansfield
 Mary Ellen Beck, Fairview
 Jeffrey Alan Bell, Mansfield
 Steven Donald Blackburn, Columbus
 John Matthew Blaine, Newark
 Janine Kay Bond, New Vienna
 Thomas Scott Bowers, Lexington
 Jude J. Braun, Sandusky
 Sheila Rae Brill, Worthington
 Barbara Lynne Bruno, Lorain
 Beverly Sue Bryner, Kent
 Janet E. Burk, Marengo
 Cheryl Lee Byrne, Wapakoneta
 Robin Sue Carter, Pomeroy
 Laura E. Cartwright, Wilmington
 James Hal Chinn, Jackson
 Laura Lou Christopher, Troy
 Julia May Collar, Columbus
 Rhonda Louise Corke, Columbus
 Kathleen Ann Costello, Columbus
 Sandra Hawk Cotter, Worthington
 Elizabeth Coulter, Worthington
 Cindy Jackson Cox, Richwood
 Misty Dawn Cox, Grove City
 Cheryl Ann Day, Sunbury
 Diana Lynn Del Conte, Cincinnati
 Pamela Ann DiFilippo, Steubenville
 Hauwa Dogon-Mallam, Bauchi, Nigeria
 Connie Colleen Dyer, Alger
 Dale Vernon Ehrenheit, Chagrin Falls
 Stephen Charles Emmons, Marion
 Mindee Eileen Epstein, Skokie, Ill.
 Pam L. Farr, Brunswick
 Sheral Lynn Ferguson, Columbus
 Nancy Ann Fischer, Bucyrus
 Cynthia Jean Franklin, Columbus

Kimberly Sue Fulk, Newark
 Helen Taylor German, Mansfield
 Mary Sivak Gilbert, Worthington
 Carla Jo Gillard, Zanesville
 Elizabeth Ann Goodall, Dayton
 Margaret J. Green, Columbus
 John D. Gulick, Galion
 Ray L. Haines, Marion
 Adamu Mohammed Hardawa, Bauchi, Nigeria
 David Louis Hartley, Columbus
 Michael Leo Henson, Piqua
 Lisa Mary Herms, Lexington, Ky.
 Mary Lucinda Herzog, Ashtabula
 Sandra Kay Hood, Mansfield
 Bonnie Jean Hopkins, Columbus
 Miriam Ann Jacoby, Lima
 Terri J. Jewett, Ashland
 Mary Kay Veronica Joyce, Columbus
 Mohammed Inuwa Kamara, Bauchi, Nigeria
 Catherine S. Kaniaris, Lorain
 Deborah L. Katterheinrich, Wapakoneta
 Robert Lynn Kaufman, Lima
 Karen Boston Kemple, Delaware
 Agnes Anna Kitzler, Upper Sandusky
 Marcia Gene Klaiber, Marietta
 Kenneth Charles Kramer, Chickasaw
 Karen Sue Longbrake, Massillon
 Maryann McCrorie, Columbus
 Robert Lee McElwee, Columbus
 David Russell McKinney, Columbus
 Melissa Lee Metcalfe, Cincinnati
 Gayle Marie Miller, Columbus
 Stephen Anthony Miller, Columbus
 Steven Paul Miller, Vermilion
 Jennifer Jo Mitchell, Lima
 Scott Galen Moorehead, Columbus
 Gregory Scott Mumes, Willard
 Michael David Neeley, Lima
 Bala Dandara Ningi, Bauchi, Nigeria
 Letitia Grace Oberley, Columbus
 Donna Sue Oze, Columbus
 LuAnn Paris, New Philadelphia
 Valerie Kae Parks, Mansfield
 Jeffery Jon Pegg, Warren
 Kimberly Jean Postma, Columbus
 Amber Renee Potter, Lima
 Christopher Dale Prior, Vandalia
 John Provenzale, Cleveland Heights
 Ronald Lee Rapp, Lima
 James Michael Rhine, Lima
 James Maigari Ribina, Bauchi, Nigeria
 Julie Walsh Russell, Logan
 Denise Savage, Gahanna
 Joni Lynn Seifrick, Columbus
 Cynthia Lynn Shaffer, Petersburg
 Katherine E. Shumate, Columbus
 Yvonne Hope Spence, Lowell
 Lisa Ann Spieles, Minster
 Katherine Jane Starkey, Vincent
 Frances E. Stewart, Gahanna
 Nancy Jo Stewart, Worthington
 Linda Kay Stine, Mansfield
 Lisa Marie Stith, Columbus
 Ubayo Mohammed Tilde, Bauchi, Nigeria
 Heather Page Timberlake, Circleville
 Linden Paul Viinallass, Columbus
 Diane Marie Violet, Spencerville
 Kathleen Magdalen Wald, Euclid
 Mary Suzanne Williams, Reynoldsburg
 Lynn Yuan Willis, Marion
 Dayna L. Wink, Mansfield
 Mark Allen Wootton, Paulding
 Jill Morris Workman, Columbus
 Onita Marie Yutzy, Plain City

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Christian Barret, Cleveland
 Wayne Charles Chalfant, Ashland
 Timothy Douglas Cornett, Galloway
 Douglas Owen Carnog, Westerville
 Kenneth O. Davidian, Bainbridge
 Pedro A. Ferreira, Lisbon, Portugal
 David Charles Roman, Worthington
 Linden K. Sims, Columbus

Bachelor of Science in Agricultural Engineering

Donald Eugene Line, Arlington
 Timothy Paul Meyer, Wauseon
 Charles Allen Roberts, New Holland
 Douglas Edward Wysong, Eaton

Bachelor of Science in Aviation

David Paul Laake, Centerville

Bachelor of Science in Ceramic Engineering

Edward Michael Spangler, Columbus
 Michael Joseph Wozniak, Northfield

Bachelor of Science in Civil Engineering

Chris Stanton Anspaugh, Mendon
 Moises Arzamendi, Worthington
 Shaida Baharloo, Tehran, Iran
 David Anthony Breitfeller, Columbus
 Robert Edward Broestl, North Royalton
 Nopporn Chuchinda, Bangkok, Thailand
 Stephen J. Farst, Columbus
 Peter M. Fielder, Akron
 Gerald Lee Pocht, Tiffin
 John Richard Foreman, Cincinnati
 Nabil Youssef Gbantous, Beirut, Lebanon
 David Robert Gorman, Youngstown
 William M. Hadaya, Beirut, Lebanon
 Mook L. Ho, Columbus
 Ikechukwu Elias Ibenebgu, Enugu-ukwu, Nigeria
 Chong Chiun Lo, Sandakan, Malaysia
 Asif Abdul Aziz Merchant, Karachi, Pakistan
 Robert William Mural, Parma
 Phuthuma Freedom Nhleko, Manzini, Swaziland
 Mary Ann Radigan, Richmond Heights
 Philip Alan Rasor, Jr., Columbus
 Jerry Clifford Reed, Columbus
 Scott Russell Saunders, Oregon
 Ted Kevin Schnell, Wapakoneta
 Charles Robert Schroeder, Kalida
 James Michael Starbuck, Columbus
 Mark Randall Stouffer, Brecksville
 Bryan Jay Struble, Carroll

Thomas Ralph Trewitt, Willoughby
Richard Edward Walker, Piqua
Michael Duane Weeks, Marion
James Kendal Wiggins, Kettering
Susan Fay Wong, Richmond Heights
Osama Ahmed Zalloum
Carlos Manuel Zerpa La Rosa,
Anaco, Venezuela

Bachelor of Science in Computer and Information Science

Mark Louis Albers, Cincinnati
Winfred Lee Bourn, Cleveland
Raymond Anthony Browder, Columbus
Mark Edward Coverdill, Norcross, Ga.
Mark Christopher Dafucas, Columbus
Samuel L. Emrick, Belpre
David Lee Finley, Worthington
Marcel Joseph Gervais, Plainfield, Conn.
Glenn Grant Gray, East Liverpool
Ian Duncan Jamie, McMurray, Pa.
Kuarlall Lall, D'Edward, Guyana
Lisa Jannene Oania, Grafton
Stephen David Parker, Wooster
Delmer Thomas Stumbaugh, Columbus
Jay William Teele, New Albany
Robert Keith Weston, Fairview Park
Timothy Michael Wottle, Canton
Ann Kuen Yee, Columbus

Electrical Engineer

Vinay Damodar Pradhan, Bombay, India

Bachelor of Science in Electrical Engineering

Randall Edgar Bills, St. Henry
Robert B. Bordbar, Norwalk
James Stanley Brazzell,
Alexander City, Ala.
Kevin Farrell Briggs, Columbus
Charles Allyn Butcher, Hilliard
Kevin L. Daugherty, Lexington
James Paul Davidson, Centerville
Richard William Dock, Columbus
Taylor Rice Efland, Efland, N. C.
Douglas Edward Gergel, Youngstown
Adam David Greenbaum, New York, N. Y.
Jeff Alan Hughes, Granville
Mark Alan Johnston, Wooster
Wetzel Kilgore, Columbus
Mark R. Kruse, Ottawa
Frederick Nicholas Lancia II, Columbus
Paul Wayne Locijewski, Olmsted Falls
Alan D. Neal, Columbus
Binh Thanh Nguyen, Columbus
John Emanuel Nites, Baden, Pa.
Thomas Charles Oliver, Columbus
Russell Steven Padgett, Westerville
David Arthur Prasse, Mentor
David James Reed, Ashtabula
Mark Landis Ryland, Ashland
David F. Schings, Toledo
Bryan Dean Searfos, New Lexington
Michael Lane Searfos, New Lexington
Michael Robert Shaw, Gahanna
Timothy Charles Singleton, Middletown
Michael Alan Stuart, New Philadelphia
Jeffrey Barnhart Sturgeon,
Washington, Pa.
Imre Francis Szauter, Columbus

Edward Dav Thompson, Salineville
Larry M. Trash, Crestline
Steven Charles Wetta, Columbus
Christopher Dale Williams, Columbus
Michael Anthony Williams, Cleveland

Bachelor of Science in Engineering Physics

Alton Buddy Auvil, East Sparta
Paul David Baumgartner, Worthington
David Lee Finley, Worthington
Jeffrey Charles Holliday, Canfield
Donald James Milligan, Columbus

Bachelor of Science in Industrial and Systems Engineering

Richard Lance Brubaker, Granville
Thomas John Farnbacher, Dayton
David Lee Feinauer, Lebanon
Raphael Emilio Graulau, San Juan, P. R.
Glenn Thomas Haller, Worthington
Jill Ann Harlamert, Piqua
Cathy Jane Lyle, Houston, Tex.
Mary Lou Matkoskey, Youngstown
James R. Mestemaker, Columbus
David Jeffrey Norris, Lakewood
Michael Joseph Romeo, Jr., Massena, N. Y.
David Joseph Stephens, Columbus
Darrell Ray Tackett, Columbus
Andrew Richard Wilburn, Portsmouth
Donald Charles York, Columbus

Bachelor of Science in Mechanical Engineering

William Keith Adams, Columbus
Mike Menaschem Albert, Beachwood
Michael Victor Basile, Akron
William Walter Belisle, Columbus
Thomas Bruce Berns, Middletown
Ronald Thomas Bishel, Kensington
Glenn Robert Butler, Montgomery
Daniel Joe Chapman, Columbus
Majid S. Delpassand, Tehran, Iran
Anthony Dempsey, Medina
Hernan Enrique Ebersperger,
Puerto Montt, Chile
John Crandall Ference, New London
James J. Flick, Lima
Charles Vernon Gebben,
Oklahoma City, Okla.
Christopher Dolan Hampel, Dayton
Renee Louise Heileman, Fremont
William Thomas Jones, Gallipolis
Kuren Marie Kienle,
Bloomfield Hills, Mich.
Steven Joseph Klaas, Wadsworth
David Herbert Kubalak, Colonia, N. J.
Kevin Michael Lanum, Cleveland
Edward Michael Leach, Zanesville
Blaine Winfred Lilly, Jr., Columbus
James David Loeffler, Westlake
William Michael Lyons, Gahanna
C. Patrick Martino, Granville
Charles William Melcher, Mt. Vernon
David Lee Mell, Portsmouth
James George Milbaugh, Lancaster
Lawrence Joseph Miller, Cuyahoga Falls
Earl Stanley Morrer, Columbus
Jeffrey Wayne Morris, Columbus
David Warren Moser, Rootstown

Dirkson Dee Nafzger, Columbus
Robert Alan Neitman, Kettering
David Roy Nikolaiczky, Cleveland
Scott Robert Noblet, Bucyrus
Dean Scott Nofzinger, Whitehouse
James Maurice Philley, Greenhills
Timmy Prater, Plain City
David Andrew Purvis, Cincinnati
Vichai Rojanavanich, Bangkok, Thailand
Edward N. Schiebel, Cincinnati
Warren Andrew Seith, Gates Mills
Lawrence Andrew Staat, Grove City
Daniel David Swisher, Columbus
John North Tehan, Jr., Springfield
Randolph Lee Thompson, Medina
Richard Lee Thompson, Newark
David Steven Tischler, Wickliffe
Lowell Lamar Toms, Columbus
David Eliot van Deusen, Columbus
Bruce Wayne Wood, Columbus

Bachelor of Science in Metallurgical Engineering

James Anthony Nicolozakes, Cambridge

Bachelor of Science in Mining Engineering

Robert Dale Martin, Pataskala
Theodore R. Myers, Columbus

Bachelor of Science in Welding Engineering

Kevin Elliott Bowditch,
Farmington Hills, Mich.
Jonathan Dale Frymeyer, Cridersville
Steven William Worrell, Baltic

School of Architecture

Bachelor of Science in Architecture

Timothy Alan Bass, Columbus
Richard James Florkey, Columbus

Bachelor of Science in Landscape Architecture

David Anthony Borean, Columbus
John Bradley Hill, Beaufort, S. C.
James D. Paluch, Columbus

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Lorraine M. Birkovich, Warren
B.A. (College of St. Benedict)
Herbert Laub Campbell, Rocky River
A.B.; M.Env. (Miami University)
John Joseph Danyi, Niles
B.S. (Youngstown State University)

Thomas Maldwynne Davis, Jr., Columbus
B.A.

Pamela Sharon Kagay, Kettering
B.S.

Dean Alan Kirkendall, Van Wert
B.S. (University of Toledo)

Amy Frances Saunders, Columbus
B.A.

Michael Robert Schuster, Elmore
B.S. (University of Toledo)

John Mark Shie, Westlake
B.A. (Miami University)

David Oman Warner, Ashville
B.S.E.E.

Richard Lee Zachrich, Napoleon
B.S.

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Patricia Louise Finch, Macedonia
Debra Lucille Galford, Barberton
George Alan Justison, East Palestine
Cynthia Ann Olschewsky,
Middleburg Heights
Sherry Anne Solomon, Miami, Fla.
Lori Zimmerman Wanner, Coshocton
Mary Josephine Williams, Hobart, Ind.
B.A. (Indiana Central College)

School of Nursing

Bachelor of Science in Nursing

Maria Teresa Gheri, Canton
Sandra Ann Jesionek, Warren
Vicki Lynn Whitlatch, Columbus

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Arthur Mark Amdur, Cleveland
Mary Bancroft Dana, Belpre
Daphne Eubank Fenske, Columbus
B.S. (Queens College)
Lynda Maureen Gilmore, Canton
Lauraetta Louise Gonzalez, Cleveland
Lori Cox Heiser, Elyria
Alan Joel Jaffe, Cleveland
David Kim Jones, Jackson
B.S. (Miami University)
Cynthia Marie Kelly, Murray Hill, N. J.
Consuelo Isabella Krolak, Columbus
Catherine Gilchrist Miller, Cuyahoga Falls
Vanessa Ann Patterson, Reynoldsburg
Kathleen Marie Sanetrick, Youngstown
James Richard Schwamburger, Portsmouth
B.S.
Jennifer Marie Takats, Rossford

College of Social Work

Acting Dean: Thomas M. Meenaghan

Bachelor of Science in Social Welfare

Beth Ann Jennings, Findlay
Susan Ford Morrow, Plymouth

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).
Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Animal Science
Timothy Lynn Lawlis

With Distinction in Communication
Jeffrey Clinton Courter

With Distinction in Mechanical Engineering
Edward M. Leach

With Distinction in Natural Resources Development
Richard Dwight Goodman

With Distinction in Psychology
Kenneth Duane Allred

With Distinction in French and with Honors in the Liberal Arts
Michael Alfred Weitzner

With Distinction in Spanish and with Honors in the Liberal Arts
Therese Marie Shuler

With Honors in the Liberal Arts
David Andrew LaRue
Lawrence John Novak

Cum Laude

William Keith Adams
Mike Menachem Albert
Jacqueline Ann Arnold
Michael Aloysius Arnold
Jan Bair
John Morgan Baker
Paul David Baumgartner
Kimberly Jo Brenneman
Valerie Jean Brom
Janet E. Burk
Mark Lee Clark
Craig A. Conroy
Rhonda Louise Corke
Paul Thomas Corogin
Steven Richard Clothel
Richard James Florkey
Martin Lee Fuller
Helen Taylor German
Marcel Joseph Gervais
Nabil Yoursef Ghantous
Marlene Jayne Griffith
Shannon Leigh Grubb
Judith Ann Hans
Debra Lynne Hawthorne
Deborah Ellen Heft
Mary Lucinda Herzog
Sandra Kay Hood
Deborah L. Katterheinrich
Karen Boston Kemple
Laurie Virginia Long
Rebecca Kay Madden
Anthony Scot Manna
David Lee Mell
Abbie Mitchell
Philip Alan Rasor, Jr.
Laura Ann Reutter
Denise Anne Ryba
Kathleen Marie Sanetrick
William Alan Spreng
Mary Mogan Stephens
Nancy Jo Stewart
Mary Jean Stinson
Wayne W. Turner
Denise Dawn Wines

Cum Laude with Distinction in Parks and Recreation Administration
Kimberly Anne Gardner

Summa Cum Laude

Daniel Lawrence Aden
Douglas John Brough
Scott Alan Cammann
Sandra Dean Cooperider
Kathleen Ann Costello
Fred Dominic DeBlasis
Marcia Ann Eck
Sandra Kay Hartman
Anita Lynne Hemphing
Christie Annette Hill
Linda Goodwin Johnson
John Gordon LaBine
Frederick Nicholas Lancia II
Gregory Joseph Mazak
Thomas Charles Oliver
Vichai Rojanavanich
Michael Searfos
Karen Sue Sellins

Katherine Jane Starkey
Jenifer Marie Takats
Julie Lynn Walsh
David Oman Warner
Lynn Yuan Willis

**Summa Cum Laude with Honors in
the Liberal Arts**

Linda Lee Zimmer

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 1, 1983

The Board of Trustees met at its regular monthly meeting on Friday, April 1, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

April 1, 1983 meeting, Board of Trustees

The Chairman, Mr. Smith, called the meeting of the Board of Trustees to order at 12:10 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: Warren J Smith, John D. Jacob, D. James Hilliker, John F. Havens, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

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Chairman Smith reconvened the meeting at 1:30 p.m.

Chairman Smith announced the appointment of the following persons to the Nominating Committee:

Leonard J. Immke, Chairman
John F. Havens
Shirley D. Bowser

--O--

Chairman Smith called on President Jennings to present his agendas.

RESTRUCTURING OF THE COLLEGE OF EDUCATION

Resolution No. 83-100

Synopsis: The consolidation of academic faculties within the College of Education and the establishment of three new units is proposed.

WHEREAS the dramatic changes in the field of education have brought about a need for reorganization of the College of Education if it expects to respond both to societal needs and influence events relating to education; and

WHEREAS the proposed reorganization will group individuals in the College with similar interests thereby making it easier for the College to address the educational needs of society; and

WHEREAS the consolidation of faculties will eliminate duplication of efforts and increase fiscal and program flexibility without increasing administrative costs; and

WHEREAS the proposed reorganization has been approved by a substantial majority of faculty in the College of Education:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the reorganization of the College of Education as approved by the University Senate on March 12, 1983; and

BE IT FURTHER RESOLVED, That, effective July 1, 1983, the existing academic faculties be reconfigured into three new academic units as follows:

April 1, 1983 meeting, Board of Trustees

RESTRUCTURING OF THE COLLEGE OF EDUCATION (contd)

Department of Educational Policy and Leadership

- Educational Administration
- Educational Foundations and Research
 - Foundations
 - Qualitative Research
- Special Services
 - Student Personnel
- Vocational-Technical Education

Department of Human Services Education

- Exceptional Children
- Special Services
 - Guidance and Counseling

Department of Educational Theory and Practice

- Early and Middle Childhood
- Educational Foundations and Research
 - Curriculum, Instruction and Development and Media
 - Qualitative Research
- Humanities Education
- Industrial Technology
- Science and Mathematics Education

Upon motion of Mr. Immke, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous voice vote.

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LABOR EDUCATION AND RESEARCH SERVICE

Resolution No. 83-101

Synopsis: Request for Labor Education and Research Service to be designated as a tenure initiating unit is proposed.

WHEREAS the College of Administrative Science has requested that Labor Education and Research Service be designated as a tenure initiating unit; and

WHEREAS Labor Education and Research Service has distinct standards for promotion and tenure as set forth in the College's "Standards and Procedures for Tenure and Promotion Review" that are different from those of Continuing Education, the unit to which it is currently a part; and

April 1, 1983 meeting, Board of Trustees

LABOR EDUCATION AND RESEARCH SERVICE (contd)

WHEREAS Labor Education and Research Service has been recognized as a separate line-item funding unit within the College since 1969, and in practice has been treated as a tenure initiating unit; and

WHEREAS this designation as a tenure initiating unit will help organizationally by clarifying the status of persons in this unit; and

WHEREAS all persons affected by this proposed change have indicated, in writing, their understanding that with the approval of this request their tenure initiating unit will be Labor Education and Research Service:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the request as authorized by the University Senate at the meeting held March 12, 1983, that the Labor Education and Research Service be formally designated as a tenure initiating unit.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DIVISION OF ACADEMIC FACULTY OF MANAGEMENT SCIENCES

Resolution No. 83-102

Synopsis: It is proposed that the Academic Faculty of Management Sciences be divided into two faculties--Management and Human Resources and Management Sciences.

WHEREAS the College of Administrative Science has requested that the Academic Faculty of Management Sciences be divided into two faculties, namely: Management and Human Resources and Management Sciences; and

WHEREAS the Academic Faculty of Labor and Human Resources be dissolved, and the members of that faculty merged with the newly established Faculty of Management and Human Resources; and

WHEREAS the proposed change in the College structure will facilitate improved collegial interaction because faculty members with like interests will be grouped together; and

WHEREAS the proposed new structure should provide for simpler and more effective administration; and

WHEREAS the proposed change was strongly supported by vote of the faculty in the College of Administrative Science after a review by a committee of the faculty appointed by the Provost:

April 1, 1983 meeting, Board of Trustees

DIVISION OF ACADEMIC FACULTY OF MANAGEMENT SCIENCES (contd)

·NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the restructuring of the Academic Faculty of Management Sciences into two faculties: Management and Human Resources and Management Sciences, and the dissolution of the Academic Faculty of Labor and Human Resources as approved by the University Senate at the meeting March 12, 1983.

Upon motion of Dr. Jacob, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-103

Synopsis: Amendments to rules 3335-3-35, 3335-7-21, 3335-7-29, and 3335-7-33 of the Rules of the University Faculty are proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on March 12, 1983, as follows:

AMENDED RULES

3335-3-35 Chairpersons of departments, directors of schools.

- (A) There shall be a chairperson of each department and a director of each school, who shall be the administrative head, respectively, of the department or school. Each chairperson and director shall be appointed for a term of four years by the board of trustees upon the nomination of the president. A chairperson or director shall be eligible for reappointment.

In selecting a chairperson or director, the president shall confer with the dean of the college involved. The dean, in turn, will consult with the faculty of the department or school on all campuses, as well as other appropriate university officials.

- (B) The duties of the chairperson of a department or the director of a school shall be as follows:
- (1) To have general administrative responsibility for its program, subject to the approval of the dean of the college.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (2) To present to staff members a pattern of administration as approved in principle by the university senate with a view to the adoption of such portions as meet the approval of the department or school. This pattern is attached to these rules immediately following rule 3335-3-39 of the Administrative Code and marked "Pattern of Departmental Administration."
- (3) To prepare, after consultation in accordance with the pattern of departmental administration, a statement setting forth the criteria and procedures according to which recommendation concerning salary increases, promotions in rank, and granting of tenure are made within the department or school. This statement shall be made available to all present and prospective members of the department or school, and a copy shall be deposited in the office of the vice president for academic affairs and provost. At the beginning of each four-year term of the chairperson of a department or the director of a school, the members of the department or school and the office of the vice president for academic affairs and provost shall receive either a revision or reaffirmation of the original statement.

3335-7-21 Marks.

(G) "I"--incomplete

- (4) As soon as the incomplete work has been made up, the instructor, or in the case of the instructor's absence from the university, the department chairperson or the director of the school, shall file the proper mark in the office of registration, records and scheduling. Until such time as a final mark is recorded the credit for the mark "I" shall be counted as hours only, and shall not be considered in determining a student's point-hour ratio under rule 3335-7-26 of the Administrative Code.

(J) "PA/NP"--pass/non-pass

- (6) Before five p.m. of the third Friday of a quarter or the second Friday of a term, a student must have declared intention to take a course on the pass/non-pass basis by filing the appropriate form with the dean or director of the student's enrollment unit. A student may not change to or from the pass/non-pass option after five p.m. of the third Friday of a quarter or the second Friday of a term.

(K) "R"--registered to audit

This mark indicates that the student has registered to audit the course and has met the conditions established for audit enrollment in the course. No credit hours shall be awarded for this mark (see rules 3335-7-29 and 3335-7-33 of the Administrative Code).

April 1, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-29 Admission to courses as an auditor.

An undergraduate or professional student may audit a course upon the approval of the professor in charge of the course and the dean of the college, or designee, in which the student is registered. (For repetition of courses, see rule 3335-7-28 of the Administrative Code.) A graduate student may audit a course upon the approval of the professor in charge of the course and the student's adviser.

3335-7-33 Conditions for disenrollment from a course.

- (A) After consultation with the instructor, the chairperson of the instructor's department (or other appropriate administrative official) may disenroll a student from a course if:
 - (2) The student enrolls to audit a course without the instructor's approval, or fails to meet the prerequisites of the course, or fails to demonstrate adequate preparation as provided in rule 3335-7-30 of the Administrative Code. Disenrollment procedures shall be the same as in paragraph (A) (1) of this rule.
- (B) After consultation with the instructor, students in the course, and the student in question, the chairperson (or other appropriate administrative official) may disenroll a student from a course if the student presents a clear and present threat of bodily harm or injury to the instructor or fellow students, or after warning continues to engage in disruptive conduct, either of which results in impairment of teaching or learning processes:
 - (3) Disenrollment is effective upon the action of the department chairperson (or other appropriate administrative official), unless reversed by the vice president for academic affairs and provost, or designee.
- (C) For disenrollment, exclusive of audit, under sections (A) and (B) this rule, the director of registration, records and scheduling shall enter on the student's official permanent record:
 - (1) No mark, if the disenrollment occurs before five p.m. of the third Friday of a quarter (second Friday of the relevant term for summer term courses), or
 - (2) The mark, "W," if the disenrollment occurs after five p.m. of the third Friday of a quarter (second Friday of the relevant term for summer term courses).
- (D) If a student who has enrolled to audit a course fails to complete the requirements for audit specified by the instructor and also fails to withdraw from the course, the instructor shall so inform the office of registration, records

April 1, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

and scheduling when marks are reported for the quarter. That office will then disenroll the student from the course, removing the course from the student's permanent record, and will notify the student and the student's college of the action taken.

NOW THEREFORE

BE IT RESOLVED, That the amendments to the *Rules of the University Faculty* be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENT OF BYLAW OF THE BOARD OF TRUSTEES

Resolution No. 83-104

Synopsis: Change in composition in membership of University Hospitals Board is proposed.

WHEREAS pursuant to 3335-1-09 of the Bylaws of the Board of Trustees of The Ohio State University, bylaws may be amended by The Ohio State University Board of Trustees; and

WHEREAS it is now appropriate to revise the composition of the University Hospitals Board so that it is composed of two members of the Board of Trustees of The Ohio State University instead of three members:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-1-03 of the Administrative Code be amended to read as follows:

3335-1-03 Administration of the university.

(T) University hospitals board.

- (1) The university hospitals board shall be responsible to the board of trustees for the oversight of patient care services in university hospitals. The hospitals board shall be accountable through the vice president for health services, or other designee of the president, and the president to the university board of trustees. The bylaws of the hospitals board will be subject to the approval of the university board of trustees.

April 1, 1983 meeting, Board of Trustees

AMENDMENT OF BYLAW OF THE BOARD OF TRUSTEES

- (2) The hospitals board shall be comprised of two members of the university board of trustees and twelve other persons, selected from the general public who shall be appointed by the university board of trustees in consultation with the president.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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AMENDMENT OF BYLAW OF UNIVERSITY HOSPITALS BOARD

Resolution No. 83-105

Synopsis: Change in composition in membership of University Hospitals Board is proposed.

WHEREAS pursuant to 3335-103-01 of the University Hospitals Board Bylaws, the University Hospitals Board Bylaws may be amended by The Ohio State University Board of Trustees; and

WHEREAS it is now appropriate to revise the composition of the University Hospitals Board so that it is composed of two members of the Board of Trustees of The Ohio State University instead of three members:

NOW THEREFORE

BE IT RESOLVED, That Bylaw 3335-93-01 of the Administrative Code be amended to read:

3335-93-01 University hospitals board.

- (A) The body responsible to the Ohio state university board of trustees for oversight of patient care services, the university hospitals' support of the Ohio state university health services academic programs, shall be known as the university hospitals board (herein called board).
- (1) The hospitals board will be composed of two members of the Ohio state university board of trustees (trustee members) and twelve citizens from the general public (citizen members), all appointed by the Ohio state university board of trustees in consultation with the president of the university. No employee of the university shall be eligible for board membership.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 1, 1983 meeting, Board of Trustees

UNIVERSITY HOSPITALS BOARD APPOINTMENTS

Resolution No. 83-106

Synopsis: Confirmation and approval of nominees to the University Hospitals Board is proposed.

WHEREAS the Board of Trustees on November 30, 1979, approved the establishment of a University Hospitals Board; and

WHEREAS the membership of the Hospitals Board was approved on April 4, 1980, and has just been amended by this Board in the preceding resolutions; and

WHEREAS it is now stipulated that "The Hospitals Board shall be comprised of two members of the University Board of Trustees and twelve other persons, selected from the general public who shall be appointed by the University Board of Trustees in consultation with the President"; and

WHEREAS the present terms of four members selected from the general public and the terms of three members from the University Board of Trustees expire on April 30, 1983:

NOW THEREFORE

BE IT RESOLVED, That the following nominees be approved as general public members of the University Hospitals Board for a term of three years, effective May 1, 1983:

Dean W. Jeffers
John W. Wolfe
Charles Y. Lazarus

and

BE IT FURTHER RESOLVED, That the following two members of the University Board of Trustees be confirmed for membership on the University Hospitals Board for the term, May 1, 1983 through April 30, 1984:

Daniel M. Galbreath
Edmund C. Redman

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDINGS

Resolution No. 83-107

Synopsis: Renaming of buildings is proposed.

WHEREAS pursuant to authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of rule 3335-1-08 of the Administrative Code; and

April 1, 1983 meeting, Board of Trustees

NAMING OF BUILDINGS (contd)

WHEREAS the President recommended, with the concurrence of the President's Staff, that the following structures be named:

The Poultry Administration Building located at 674 West Lane Avenue be renamed Everett L. Dakan Hall, to honor Professor Dakan who served the University from 1919-1957 which included 32 years as Chairman of the Department of Poultry Science.

Women's Commons located at 251 West Twelfth Avenue be renamed June F. Kennedy Commons to honor June F. Kennedy who served as the first Food Service Director from 1939-1959.

NOW THEREFORE

BE IT RESOLVED, That the buildings listed in the preceding paragraphs be renamed as proposed.

Upon motion of Mrs. Bowser, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARDS

Resolution No. 83-108

Synopsis: Recommendation for six individuals to receive Distinguished Service Awards is proposed.

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended six individuals for approval by the Board of Trustees to receive the Distinguished Service Award at a time convenient to the University and the recipients:

Richard D. Altick
William R. Coyle
M. Merle Harrod
Walter L. Hartman
Ross L. Mooney
William F. Rounds

and

WHEREAS these awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952:

April 1, 1983 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARDS (contd)

NOW THEREFORE

BE IT RESOLVED, That the Distinguished Service Awards be approved for awarding as designated above.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-109

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointments; Appointment of Department Chairmen; Reappointment of Department Chairmen and Director of School; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the March 4, 1983 meeting of the Board, including the following Appointments; Appointment of Department Chairmen; Reappointment of Department Chairmen and Director of School; Leaves of Absence Without Salary; Professional Improvement Leaves; and Emeritus Titles as detailed in the University Budget, be approved.

Appointments

Name: THOMAS L. TOBIN
Title: Vice President for University Communications and Development
Office: University Communications and Development
Effective: On or about May 9, 1983
Salary: \$72,500.00
Present Position: Special Assistant to the President and University Director of Public Affairs, University of Illinois

Name: MANUEL TZAGOURNIS
Titles: Vice President for Health Services and Dean of the College of Medicine
Office: Health Services
Effective: April 1, 1983
Salary: \$79,080.00
Present Position: Acting Vice President for Health Services and Dean of the College of Medicine

April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Name: J. LANCE KRAMER
Title: Director of Continuing Education
Office: Academic Affairs
Effective: July 1, 1983
Salary: \$55,080.00
Present Position: Assistant Provost, Kansas State University

Name: GEORGE W. PAULSON
Title: Professor (Helen C. Kurtz Chair in Neurology) and Acting
Chairman
Department: Neurology
Effective: March 1, 1983
Salary: \$50,640.00
Present Position: Professor and Acting Chairman, Department of Neurology,
The Ohio State University

Name: SAMUEL CATALAND
Title: Professor (Ralph W. Kurtz Chair in Endocrinology)
Department: Medicine
Effective: March 1, 1983
Salary: \$62,160.00
Present Position: Professor, Department of Medicine

Appointment of Department Chairmen

October 1, 1983 through June 30, 1987

English Morris Beja

October 1, 1983 through June 30, 1984

Statistics *Douglas A. Wolfe

Reappointment of Department Chairmen and Director of School

July 1, 1983 through June 30, 1987

School of Journalism Walter K. Bunge

October 1, 1983 through June 30, 1987

Geography John Rayner

October 1, 1984 through June 30, 1988

Statistics J. S. Rustagi

* Acting Chairman

April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

ELEANOR M. DANIEL, Assistant Professor, University Libraries, effective March 1, 1983 through June 30, 1983, for medical reasons.

SHARRON COPLIN, Instructor, Cooperative Extension Service, effective March 1, 1983 through March 15, 1983, for medical reasons.

Professional Improvement Leaves

ALBERT B. BISHOP, Professor, Department of Industrial and Systems Engineering, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MICHAEL C. GERALD, Professor, College of Pharmacy, effective Summer Quarter 1983, Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

JOHN PRICE HIRTH, Professor, Department of Metallurgical Engineering, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MING T. LIU, Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

J. S. RUSTAGI, Professor, Department of Statistics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

BENNETT D. BAACK, Associate Professor, Department of Economics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

JAMES R. BLAKESLEE, JR., Associate Professor, Department of Veterinary Pathobiology, effective Summer Quarter 1983 and Autumn Quarter 1983.

STEPHEN A. BUSER, Associate Professor, Academic Faculty of Finance, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

HOWARD CRANE, Associate Professor, Department of History of Art, effective Autumn Quarter 1983 and Winter Quarter 1984.

DONALD H. DEAN, Associate Professor, Department of Microbiology, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

BARBARA D. GROSECLOSE, Associate Professor, Department of History of Art, effective Autumn Quarter 1983 and Winter Quarter 1984.

TETSUNORI KOIZUMI, Associate Professor, Department of Economics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

WILMA K. MECKSTROTH, Associate Professor, Department of Chemistry (Newark Campus), effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

M. KATHERINE MEYER, Associate Professor, Department of Sociology, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

CLARA CREAGER, Assistant Professor, Department of Art, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

Emeritus Titles

STANLEY JOACHIM CZYZAK, Department of Astronomy, with the title Professor Emeritus, effective July 1, 1983.

STANLEY FISTICK, Department of Art, with the title Associate Professor Emeritus, effective July 1, 1983.

HOWARD M. BENNINGTON, Cooperative Extension Service, with the title Assistant Professor Emeritus, effective March 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PERSONNEL ACTION

Resolution No. 83-110

FACULTY EXCHANGE

Synopsis: A Faculty Exchange for Professor Robert Lenardon in the Department of Classics is proposed with the State University of New York at Albany.

WHEREAS appropriate officials in The Ohio State University Department of Classics and the State University of New York at Albany have proposed an exchange of faculty for a period of one academic year; and

WHEREAS arrangements such as this are encouraged by member institutions of the Committee on Institutional Cooperation; and

WHEREAS the proposed exchange of services would be of significant benefit to the institutions involved, especially the employing departments, as well as the individuals themselves; and

April 1, 1983 meeting, Board of Trustees

PERSONNEL ACTION (contd)

FACULTY EXCHANGE (contd)

WHEREAS the maintenance of the faculty members' employment relationship with each one's home institution would provide continuity in their compensation package and would protect their established employment benefits:

NOW THEREFORE

BE IT RESOLVED, That Professor Robert Lenardon of the Department of Classics be placed on detached service from the University for the 1983-84 Autumn, Winter and Spring Quarters to perform services at the State University of New York at Albany in exchange for the services of Professor Hans A. Pohlsander of that university.

BE IT FURTHER RESOLVED, That the compensation/benefits entitlements of each individual shall be maintained and continued by the home institution as though each was still performing services there.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-111

Synopsis: Resolutions honoring the service of five of this University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted by unanimous voice vote.

Dr. Jacob paid tribute to Dr. Oscar P. Snyder as follows:

I'd just like to say that Dr. Oscar Snyder was a graduate of The Ohio State College of Dentistry and served in the highest position in the U. S. Army that a dentist can serve, and that is as the Surgeon General of the Dental Corps. And then he returned to Ohio State and served on the faculty for, I'd say, about eight years and during that time I had the pleasure of being a student of his and certainly appreciate what he taught me. He lived a very long and useful life, and I was happy to be able to spend about an hour and a half with his family at the time of the funeral; and I'm certainly glad that we are able to recognize him. And I just think that he has been of great service not only to the University, but to the country.

April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Carl A. Nissen

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 8, 1983, of Carl A. Nissen, Associate Professor Emeritus in the Department of Sociology.

He received his B.S. degree in 1922 from Linfield College, his M.A. degree from the University of Chicago in 1929, and his Ph.D. from The Ohio State University in 1947.

In addition to his work at O.S.U., Professor Nissen taught at Berea College, Baldwin-Wallace, Denison University, and the Askov-Folk-School, Denmark. He was professionally interested in the ministry and he served a number of churches in the central Ohio area.

Within the field of sociology, Dr. Nissen's primary interests were in the areas of marriage and the family. He had the ability to communicate extremely well with students and many sought his guidance. He was associated with the department's counseling program and also served as a marriage counselor at the Broad Street Methodist Church in Columbus. He retired from O.S.U. in 1965 and moved to Sun City Center, Florida, where he continued to be active in community organizations.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Eldis O. Reed

The Board of Trustees of The Ohio State University expresses its sorrow at the death on December 14, 1982, of Professor Eldis O. Reed, Department of Engineering Graphics.

Professor Reed was born in Canton, Ohio, on November 12, 1922. He earned a bachelor's degree in Metallurgical Engineering from Ohio State University in 1943 and a master's degree in Education in 1950.

Professor Reed began his career as an undergraduate laboratory assistant with the Department of Engineering Graphics. He joined the faculty as an instructor and was advanced to Assistant Professor in 1951. He obtained the rank of Professor in 1970.

Professor Reed was a registered professional engineer who was employed during the summer by the City of Columbus in 1953, the Ohio State Aerodynamic Laboratory in 1954, the B. C. Wilson Co. in 1955 and Purtz and Reed, Inc. from 1956 to 1961. Since 1961 he served as consulting engineer to several organizations.

Professor Reed served with the U. S. Army Corps of Engineers during World War II, rising from the rank of private to second lieutenant.

April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Eldis O. Reed (contd)

Professor Reed was a dedicated teacher who enjoyed his work with his students. He was the founder of the Society of Women Engineers chapter at Ohio State and spent many hours promoting the cause of engineering as a career for both men and women. He believed that engineering education encompassed other countries and cultures and promoted international study tours to broaden the engineering students' horizons. An outgrowth of these two activities was the Professional Development Laboratories that brought practicing engineers and industrial managers together with undergraduate students for a weekend of information exchange and discussion.

Professor Reed was a member of the American Society of Engineering Education; Sigma Gamma Epsilon, metallurgical and mining engineering honorary; the International Committee of the YMCA, and the First Community Church. He was an honorary member of Delphi and Texnikoi.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was requested that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Dr. Oscar P. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 21, 1983, of Dr. Oscar P. Snyder, Assistant Professor Emeritus in the College of Dentistry.

Dr. Snyder received his D.D.S. degree from The Ohio State University in 1916. He was appointed a dental surgeon in the U. S. Army the same year. He served with the 28th Division in France during World War I and in the European and Pacific Theaters during World War II. Dr. Snyder rose through the ranks and was promoted to Major General in 1954 when he was appointed chief of the Dental Corps by President Dwight D. Eisenhower. He retired in 1956 after serving 40 years in the service. He served as a faculty member at the College of Dentistry from 1957 until 1965 when he retired.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Charles A. Thompson

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on February 26, 1983, of Charles A. Thompson, Professor in the College of Law.

April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Charles A. Thompson (contd)

Charles Thompson was born in Gas City, Indiana, July 8, 1942. He received the Bachelor of Science degree from Ball State University in 1965, the Juris Doctor degree from Indiana University at Indianapolis in 1969 and the Master of Law degree from New York University in 1970. Thompson was the reporter for the Indiana Criminal Law Study Commission from 1970 to 1973 and was an Associate Attorney with Henderson, Daily and Foxworthy of Indianapolis in 1973 and 1974. He joined the faculty of The Ohio State University College of Law as an Assistant Professor in 1974 and was promoted to Associate Professor in 1977. He was promoted to Professor in 1979 and served in that capacity until his death from a heart attack in February of this year. He was the Director of the Legal Clinic at the College of Law from 1978 to 1982.

Professor Thompson left behind a remarkable legacy of scholarship especially in view of his premature death. He was the leading authority on Indiana criminal law having written the commentary for the six volume *Indiana Code of Criminal Law and Procedure* as well as the two volume traffic code. Thompson was also an expert on civil procedure having written (with Fink) revisions for two volumes of *Moore's Federal Practice* and co-authored with W. J. Hostetler a five-volume work on *Indiana Forms of Pleading and Practice*. In addition he was a co-author with John Slain and Freda Bein of *Agency, Partnership and Employment* (1980). Thompson also authored numerous articles in legal periodicals.

Professor Thompson was respected as an outstanding teacher of both clinical and traditional law courses. His casual and approachable manner and his sincere interest in his fellow human beings won him deep affection from his students and his colleagues. His zest for life was illustrated by among other things his interest in his motorcycles and in jazz and he will also be remembered as the founder, captain and inspiration for the faculty-student softball team known as the Stranger City Strangers.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Ruth H. Wheeler

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 1, 1983 of Ruth H. Wheeler, Associate Professor Emeritus in the School of Health, Physical Education, and Recreation.

She was educated at The Ohio State University receiving the B.S. degree in 1936 and the M.A. degree in 1937 and at the Mayo Clinic where she was certified as a Registered Physical Therapist. Professor Wheeler also did advanced study at Toledo and Michigan State Universities.

April 1, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Ruth H. Wheeler (contd)

Mrs. Wheeler served as a member of the faculty of the Division of Physical Education from 1937-1940. From 1942-1945, she served as an officer in the United States Army Physical Therapy Corps. In 1962, she returned to The Ohio State University where she was a member of the faculty until her retirement in 1980.

Professor Wheeler worked extensively in the areas of conditioning and therapeutic exercise, neurological and physical handicap and various dimensions of retardation. She was the author of several articles for professional journals and her publication, *Physical Education for the Handicapped*, has been a widely used text. She contributed her expertise not only to the University but to many community agencies through numerous clinics and workshops.

On behalf of the University, the Board of Trustees expresses to the family its deepest sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-112

Synopsis: The reports on contracts, grants, and gifts and the summary for February 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of February 1983, be approved.

Upon motion of Mr. Berry, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	51	\$2,516,331.00
Engineering Experiment Station	34	\$ 149,430.00
Ohio Agricultural Research and Development Center	3	\$ 25,622.00
		\$2,691,383.00

The Ohio State University Development Fund

Establishment of Named Funds

Warner and Lora Pomerene Faculty Enhancement Fund (College of Agriculture and Home Economics)		\$50,640.98
The J. Parker and Kathryn Webb Dinius Fellowship Fund (Graduate or professional student fellowships)		\$10,000.00
The Chicago Corporation Fund (College of Administrative Science)		\$ 8,000.00
William A. Schoonover - Trane Scholarship (College of Engineering)		\$ 7,450.00
The Metropolitan Washington, D. C. Alumni Scholarship Fund (Undergraduate scholarships for Washington, D. C. students)		\$ 5,273.00
The Department of Family Relations and Human Development Endowed Fund (Department of Family Relations and Human Development)		\$ 5,000.00
The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine (College of Veterinary Medicine)		\$ 5,000.00

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR FEBRUARY 1983 (contd)

Report from Presidents Club

Members to date	4,590
1983 members: year to date	26
New members - February 1983	9

New Presidents Club Members - February 1983

James D. Benes	Jimmie L. Huitt, Jr.
Dan Brown	Linda S. Landefeld (Mrs. Ronald)
Henry R. Falken	Robert R. McMaster
Sandra S. Feinstein (Mrs. Donald L.)	Gary W. Roubink
Mary J. Goldthwaite	

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - February 1983

Federal Research Contracts/Grants

\$168,920.00 - National Science Foundation, Washington, D. C., Emergent Citizen Groups in Disaster Preparedness and Recovery Activities, Department of Sociology (E. L. Quarantelli), 1 March 1983 through 29 February 1984. (Project 762862 - Continuation)

\$149,971.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Basic Electromagnetic Scattering Studies, Department of Electrical Engineering, ElectroScience Laboratory (W. D. Burnside), 8 February 1983 through 7 February 1984. (Project 763451 - New)

\$117,996.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Genetic and Molecular Studies of RNA Splicing, Department of Genetics (P. S. Perlman), 1 March 1983 through 29 February 1984. (Project 763452 - New)

\$102,070.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Role of Glycolipids in Glioma Resistance to Cytolysis, Department of Pathology (A. J. Yates), Department of Radiology (R. E. Stephens) and Department of Medicine (R. L. Whisler), 1 February 1983 through 31 January 1984. (Project 762989 - Continuation)

\$96,039.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, The Role of α -Lactalbumin in Lactose Biosynthesis, Department of Chemistry (L. J. Berliner), 1 February 1983 through 31 January 1984. (Project 763428 - New)

\$83,600.00 - National Science Foundation, Washington, D. C., Superfluid Turbulence, Department of Physics (J. T. Tough), 1 March 1983 through 29 February 1984. (Project 763441 - Continuation)

\$82,500.00 - Department of the Army, Army Research Office, Research Triangle Park, North Carolina, Studies on Syntheses and Derivatives of Boron Hydride Systems, Department of Chemistry (S. G. Shore), 1 April 1983 through 31 March 1984. (Project 763039 - Continuation)

\$77,760.00 - National Science Foundation, Washington, D. C., Extension and Evaluation of a Methodology for Managing Assembly Systems, Department of Industrial and Systems Engineering (W. E. Wilhelm), 1 February 1983 through 31 January 1985. (Project 763431 - New)

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$60,326.00 - National Science Foundation, Washington, D. C., Unitary Group Methods for the Electron Correlation Problem, Department of Chemistry (I. Shavitt), 15 February 1983 through 29 February 1984. (Project 763437 - Continuation)

\$59,816.00 - National Science Foundation, Washington, D. C., Resonance Phenomena in Electron-Molecule Collisions, Department of Chemistry (C. W. McCurdy), 1 March 1983 through 29 February 1984. (Project 763440 - Continuation)

\$58,600.00 - National Science Foundation, Washington, D. C., Multiple Hydrogen Bonding, Department of Chemistry (J. Hine), 1 March 1983 through 29 February 1984. (Project 762996 - Continuation)

\$56,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, The Ohio Sea Grant Program 1982-1983, Center for Lake Erie Area Research (J. M. Reutter), 1 January 1983 through 31 December 1983. (Project 762833 - Continuation)

\$49,979.00 - National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Analysis of Airborne Antenna Patterns, Department of Electrical Engineering, ElectroScience Laboratory (R. C. Rudduck), 1 March 1983 through 31 August 1983. (Project 761012 - Continuation)

\$47,136.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Analysis of Local Circuitry in the Inferior Olive, Department of Anatomy (G. A. Bishop), 1 February 1983 through 31 January 1984. (Project 763013 - Continuation)

\$40,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1983 through 31 January 1984. (Project 762589 - Continuation)

\$38,263.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 January 1983 through 31 December 1983. (Project 763443 - New)

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$37,454.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Multiple Comparisons with the Best Treatment, Department of Statistics (J. C. Hsu), 1 March 1983 through 29 February 1984. (Project 763442 - New)

\$25,093.00 - National Science Foundation, Washington, D. C., History of Volcanic Activity and Glaciation During the Late Cenozoic Era in the Ross Embayment, Antarctica, Institute of Polar Studies (G. Faure), 15 January 1983 through 14 January 1984. (Project 763448 - New)

\$20,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Applications of Full Wave Solutions to HF Heating and Generation of Irregularities in the F-Region of the Ionosphere, Department of Electrical Engineering (T. A. Seliga), 1 June 1983 through 30 September 1983. (Project 763439 - New)

\$10,000.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, SETI Research, Department of Electrical Engineering (J. D. Kraus), 1 December 1982 through 30 June 1983. (Project 760413 - Continuation)

\$8,040.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Early Interaction between Adolescent Mothers and Infants, Department of Family Relations and Human Development (E. R. Hock and M. Pitzer), 1 April 1983 through 31 March 1984. (Project 763456 - New)

\$4,833.00 - Department of the Air Force, Air Force Systems Command, Materials Laboratory, Wright Patterson Air Force Base, Ohio, Generation and Characterization of Rapidly Solidified Titanium Alloys, Department of Welding Engineering (W. A. Baeslack, III), 1 October 1982 through 30 June 1983. (Project 763450 - New)

\$3,960.00 - National Science Foundation, Washington, D. C., The Structure, Organization and Activity of the Vascular Cambium in Pennsylvanian Age Fossil Plants (Location and Analysis of Materials), Department of Botany (T. N. Taylor), 1 March 1983 through 29 February 1984. (Project 763458 - New)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Biological Sciences, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762731 - Continuation)

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Medicine, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762728 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Pharmacy, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762730 - Continuation)

\$3,000.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Minority High School Student Research Apprentice Program/Veterinary Medicine, Office of Minority Affairs (R. T. McDonald), 1 March 1983 through 29 February 1984. (Project 762729 - Continuation)

\$2,868.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Oncology Training Grant, Department of Medicine (S. P. Balcerzak), 1 March 1983 through 30 June 1983. (Project 761160 - Continuation)

\$1,647.00 - Department of Education, Office of Postsecondary Education, Washington, D. C., Supplemental Funds to Initiate, Improve or Expand a Program of Cooperative Education, Agriculture Technical Institute - Administrative Support (D. D. Garrison), 1 October 1982 through 30 September 1983. (Project 763435 - New)

\$1,562.00 - Department of the Army, Headquarters U. S. Army Communications-Electronics Command and Fort Monmouth, Fort Monmouth, New Jersey, Computer Communication Protocols for Advanced Communication Systems (M. T. Liu), 1 February 1983 through 22 June 1983. (Project 762718 - Continuation)

\$500.00 - National Foundation for the Arts and Humanities, National Endowment for the Arts, Washington, D. C., Film/Video Exhibition in Columbus, Department of Photography and Cinema (J. R. Green), 1 January 1983 through 31 December 1983. (Project 763414 - Continuation)

TOTAL - FEDERAL AWARDS

\$1,416,933.00

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$151,590.00 - State of Ohio, Department of Education, Ohio Occupational Information Coordinating Committee, Columbus, Ohio, Occupational Employment Statistics Survey Program in Ohio for Manufacturing and Hospitals, Department of Economics (S. C. Kelley) and Academic Faculty of Labor and Human Resources (H. R. Blaine and M. H. Sandver), 1 January 1983 through 30 June 1984. (Project 763434 - Continuation)

\$140,000.00 - State of Ohio, Department of Development, Columbus, Ohio, Industrial Training Program to Meet Changing Manpower Needs in the State of Ohio, College of Education - Administration (J. J. Buffer) and Academic Faculty of Vocational-Technical Education (J. E. Sage), 1 November 1982 through 30 June 1983. (Project 763427 - New)

\$25,330.00 - State of Ohio, Department of Health, Columbus, Ohio, Comprehensive Adult Hemophilia Clinic, Department of Medicine (S. P. Balcerzak), 1 July 1982 through 30 June 1983. (Project 762760 - Continuation)

\$5,000.00 - State of Ohio, Department of Mental Retardation and Developmental Disabilities, Columbus, Ohio, Joint Liaison Office, Nisonger Center for Mental Retardation (D. C. Cavin), 1 February 1983 through 30 July 1983. (Project 763429 - New)

\$1,350.00 - Ohio Arts Council, Columbus, Ohio, A Dayton Ballet Company Performance, Newark Campus and Division of Comparative Studies in the Humanities (I. Cardozo-Freeman), 1 July 1982 through 30 June 1983. (Project 763446 - New)

TOTAL - STATE OF OHIO AWARDS \$ 323,270.00

Industrial Research Contracts/Grants

\$310,000.00 - Rockwell International, North America Aircraft Operations, Los Angeles, California, Radar Cross Section of Aircraft/Avionics Systems, Department of Electrical Engineering, ElectroScience Laboratory, (L. Peters and W. D. Burnside), 1 October 1982 through 30 September 1983. (Project 762982 - Continuation)

\$190,000.00 - Air Products and Chemicals, Inc., Allentown, Pennsylvania, Chelate Dioxygen Carriers for Use in Facilitated Transport, Department of Chemistry (D. H. Busch), 1 February 1983 through 31 January 1985. (Project 763432 - New)

\$37,560.00 - Pfizer Inc., Groton, Connecticut, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 May 1982 through Indefinite. (Project 763181 - Continuation)

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$23,715.00 - DNA Clinical Research Corporation, Inc., Columbus, Ohio, Strand Break Repair of DNA in Human Peripheral Lymphocytes, Department of Radiology (R. E. Stephens and P. D. Lipetz), 1 January 1983 through 30 June 1983. (Project 762992 - Continuation)

\$22,000.00 - Air Products and Chemicals, Inc., Allentown, Pennsylvania, Funds for Equipment, Department of Chemistry (D. H. Busch), 1 February 1983 through 31 January 1985. (Project 763433 - New)

\$18,530.00 - Pioneer Hi-Bred International, Inc., Johnstown, Iowa, Maize Rhabdovirus Identification and Characterization, Department of Plant Pathology (OARDC) (D. T. Gordon) and Department of Entomology (OARDC) (L. R. Nault), 1 January 1983 through 31 December 1983. (Project 763430 - New)

\$18,255.00 - Ross Laboratories, A Division of Abbott Laboratories, Columbus, Ohio, The Effect of Three High Nitrogen Chemically Defined Diets on Nitrogen Status Energy Expenditure and Fecal Characteristics of Healthy College Students, Department of Human Nutrition and Food Management (V. M. Vivian and J. T. Snook), 1 January 1983 through 30 June 1983. (Project 763444 - New)

\$16,100.00 - The Procter & Gamble Company, Cincinnati, Ohio, Detection of Neurotoxicity by Morphologic and Functional Techniques, Department of Medicine (J. P. Mendell and Z. Sahenk), 1 January 1983 through 31 December 1983. (Project 762821 - Continuation)

\$6,052.00 - Beecham Laboratories, Bristol, Tennessee, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 May 1982 through Indefinite. (Project 763181 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 642,212.00

Other Non-Federal Research Contracts/Grants

\$45,000.00 - Electric Power Research Institute, Palo Alto, California, Simultaneous Chromizing-Aluminizing of Steels, Department of Metallurgical Engineering (R. A. Rapp), 1 January 1983 through 31 December 1983. (Project 763292 - Continuation)

\$35,000.00 - American Chemical Society, The Petroleum Research Fund, Washington, D. C., Bifunctional Catalysis via Iminium Ions, Department of Chemistry (J. Hine), 1 September 1983 through 31 August 1985. (Project 763454 - New)

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$21,938.00 - The University of Florida, Gainesville, Florida, Resistance of Exotic Breeds of Sheep to Chronic Fascioliasis, Department of Animal Science (OARDC) (B. A. Dehority), 1 October 1982 through 30 September 1984. (Project 763449 - New)

\$17,878.00 - Franklin County Mental Health Board, Columbus, Ohio, Enhancement of the Decision Support System, Academic Faculty of Management Sciences (D. A. Schilling), 1 January 1983 through 31 December 1983. (Project 763386 - Continuation)

\$10,100.00 - Exxon Education Foundation, New York, New York, Dissemination of Reflective Teaching, Academic Faculty of Educational Foundations and Research (D. R. Cruickshank), 1 March 1983 through 30 September 1984. (Project 763455 - Continuation)

\$4,000.00 - American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Tumor-Infiltrating Macrophages, Department of Microbiology (R. F. Mortensen), 1 January 1983 through 31 December 1983. (Project 763445 - New)

TOTAL - OTHER NON-FEDERAL AWARDS **\$ 133,916.00**

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$149,430.00 Thirty-four development projects under the direction of 7 engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$16,622.00 - Grants Administrative Management Office, Science and Education Administration, North Central Region Pesticide Impact Assessment Program, Washington, D. C., support of a study on impact of a soil-insecticide on soil and foliage arthropod communities in conventional and conservation tillage corn and soybean agroecosystems, Department of Entomology, March 1, 1983 to February 29, 1984.

\$6,000.00 - Michigan State University, Pesticide Research Center, East Lansing, Michigan, continued support of IR-4 Satellite Laboratory, Department of Entomology, to June 30, 1983. (Subcontract 80 CRSR-2-0506)

TOTAL - FEDERAL CONTRACTS/GRANTS **\$22,622.00**

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER (contd)

Industrial and Other Contract/Grant

\$3,000.00 - Fats and Proteins Research Foundation, Des Plaines, Illinois, continued support of a study on determining the best processing conditions for broiler feathers which are untreated, phosphoric acid-treated, or sodium carbonate-treated, Department of Poultry Science, to June 30, 1983.

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - December 1982

Gifts of \$5,000 or more

- | | |
|--------------|--|
| \$294,473.75 | Carl Haas, Phoenix, Arizona--\$294,468.75 for Chair in Food Industries and \$5.00 for Student Athlete Grant-in-Aid. |
| \$165,069.00 | Leslie Wexner, Columbus, Ohio--\$164,920.00 for Wexner Fund and \$149.00 for Student Athlete Grant-in-Aid. |
| \$ 93,525.00 | John Gerlach, Columbus, Ohio--\$93,500.00 for John J. Gerlach Professorship and \$25.00 for Student Athlete Grant-in-Aid. |
| \$ 70,022.32 | C. Barber, Lakewood, Ohio, for C. Glenn Barber Fund. |
| \$ 64,536.50 | Robert D. Smith, Upland, California--\$63,536.50 for Robert D. Smith Electrical Engineering Fund and \$1,000.00 for Student Athlete Grant-in-Aid. |
| \$ 55,000.00 | Helen Clarkson, Columbus, Ohio, for Helen Clarkson Memorial. |
| \$ 53,300.00 | Florence Johnson, Columbus, Ohio--\$43,000.00 for Reese Arthritis Research; \$10,000.00 for Ophthalmic Laser Lab; and \$300.00 for Friends of WOSU. |
| \$ 50,000.00 | Dreyfus Foundation, Inc., New York, New York--\$47,000.00 for Dreyfus Teacher-Scholar Grants - Dr. McCurdy and \$3,000.00 for Dreyfus Administrative Grant in Chemistry. |
| \$ 50,000.00 | General Motors Corporation, Warren, Michigan, for Advanced Design Methods Laboratory Mechanical Engineering. |
| \$ 50,000.00 | Scientific Atlanta, Inc., Atlanta, Georgia, for ElectroScience Lab. |
| \$ 38,750.00 | Cleveland Institute of Electronics, Cleveland, Ohio, for Newton D. Baker Scholarship Fund. |

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

- \$ 35,780.13 Louise Scott Foundation, Columbus, Ohio--\$26,835.10 for William Craig Orr and Mary Black Orr Scholarship in Pharmacy and \$8,945.03 for William Craig Orr and Mary Black Orr Scholarship in Medicine.
- \$ 32,200.00 Jack Strader, Columbus, Ohio, for D. C. Kiplinger Chair.
- \$ 31,500.00 E. C. and H. L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for Edward C. and Hazel L. Stephenson Scholarship Fund.
- \$ 30,000.00 OSU Medical Research and Development Foundation, Columbus, Ohio, for Medicine Progress Fund.
- \$ 30,000.00 R & A Shafer Foundation, Columbus, Ohio, for Student Athlete Grant-in-Aid.
- \$ 28,744.90 Systems Associates, Columbus, Ohio--\$28,509.03 for Cardiology Support Fund and \$235.87 for Pacemaker Development Fund.
- \$ 27,575.00 Ruth Wilson, Westerville, Ohio--\$27,475.00 for James Hay and Ruth Jansson Wilson Professorship in Cardiology and \$100.00 for Friends of WOSU.
- \$ 26,400.00 Yassenoff Foundation, Inc., Columbus, Ohio--\$7,500.00 for Student Athlete Grant-in-Aid Fund; \$1,000.00 for College of Art Support Fund; \$1,000.00 for Arts and Sciences Placement Services Fund; \$1,000.00 for Math and Physical Science Dean's Emergency Fund; \$1,000.00 for Graduate School Support Fund; \$1,000.00 for Biological Science Special Fund; \$1,000.00 for University College Fund; \$1,000.00 for College of Social Work Emergency Fund; \$1,000.00 for College of Agriculture; \$1,000.00 for Optometry Fund; \$1,000.00 for College of Education Support Fund; \$1,000.00 for Veterinary Advancement Fund; \$1,000.00 for College of Administrative Science; \$1,000.00 for Journalism Director's Special Fund; \$1,000.00 for Dentistry Advancement Endowment Fund; \$1,000.00 for Social and Behavioral Science Fund; \$1,000.00 for College of Engineering Special Fund; \$1,000.00 for Pharmacy Advancement Fund; \$500.00 for Physical Medicine Support Fund; \$500.00 for College of Law School; \$500.00 for Law Discretionary Fund; \$200.00 for OSU Ophthalmology Center; and \$200.00 for Yassenoff Polar Study.
- \$ 26,225.00 Martha Staub, Columbus, Ohio--\$26,200.00 for Martha G. and Milton Staub Chair for Research in Ophthalmology and \$25.00 for Friends of WOSU.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

- \$ 26,000.00 E. Orton, Jr., Ceramic Fund, Westerville, Ohio, for John L. Caruthers Fellowship in Ceramic Engineering.
- \$ 21,917.96 W. H. Havener, M.D., Inc., Columbus, Ohio, for Ophthalmology Teaching Fund.
- \$ 20,154.00 William Walter, Columbus, Ohio--\$16,926.00 for College of Law Advancement Fund; \$1,612.00 for Music Emergency Fund; \$1,612.00 for Friends of WOSU; and \$4.00 for Student Athlete Grant-in-Aid.
- \$ 20,111.00 Sterling-Winthrop Research Institute, Rensselaer, New York, for Cardiovascular Pharmacology.
- \$ 20,000.00 Mansfield University Foundation, Inc., Mansfield, Ohio, for Mansfield Branch Scholarship Fund.
- \$ 20,000.00 Miles Laboratories, Inc., West Haven, Connecticut, for Infectious Disease Research Fund.
- \$ 19,874.12 William Buente, Spring Lake, New Jersey, for College of Medicine Progress Fund.
- \$ 19,408.00 C. F. High Foundation, Bucyrus, Ohio, for Charles F. High Foundation.
- \$ 18,436.80 James Nordholt, Tiffin, Ohio, for Nordholt Professorship in Engineering.
- \$ 18,350.00 Paul Ludwig, Marion, Ohio, for Chair in Food Industries.
- \$ 17,000.01 Needham Harper, New York, New York, for WOSU Support Fund.
- \$ 16,147.52 Retinal Consultants, Columbus, Ohio, for Retina Research Fund.
- \$ 15,555.08 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
- \$ 15,000.00 Alcoa Foundation, Pittsburgh, Pennsylvania--\$10,000.00 for Affirmative Action Fund and \$5,000.00 for Advanced Design Methods Laboratory Mechanical Engineering.
- \$ 15,000.00 King Saud University, Riyadh, Saudi, Arabia, for El-Obeid Project.
- \$ 15,000.00 TRW Foundation, Cleveland, Ohio--\$10,000.00 for Advanced Design Methods Laboratory Mechanical Engineering Fund and \$5,000.00 for Capital Campaign in Industrial Systems.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

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| \$ 14,590.00 | Grace Washburn Trust, Bucyrus, Ohio, for Grace High Washburn Memorial Fund. |
| \$ 14,000.00 | Katherine Parrett, Washington Court House, Ohio, for Katherine E. Parrett Scholarship. |
| \$ 12,500.00 | Vesuvius Crucible Charitable Foundation, Pittsburgh, Pennsylvania--\$6,250.00 for Engineering Evaluation Program and \$6,250.00 for Engineering Mechanics Chairman's Discretionary Fund. |
| \$ 11,716.00 | Whirlpool Corporation, Marion, Ohio, for Electrical Engineering Chairman's Discretionary Fund. |
| \$ 10,342.31 | Paul A. Weber, M.D., Inc., Columbus, Ohio--\$10,315.81 for Glaucoma Research Fund and \$26.50 for Ophthalmology Photography Fund. |
| \$ 10,100.00 | Pfizer, Inc., Groton, Connecticut, for Horton Polysaccharide Research Account. |
| \$ 10,100.00 | Sanford Price, Woodville, Ohio--\$10,000.00 for Price Family Agriculture Fund and \$100.00 for Student Athlete Grant-in-Aid. |
| \$ 10,035.00 | Schring-Plough Fund, Kenilworth, New Jersey--\$10,000.00 for Graduate Training Fund and \$35.00 for College of Agriculture. |
| \$ 10,000.00 | Armco Foundation, Middletown, Ohio, for Ohio 4-H Foundation Support Fund. |
| \$ 10,000.00 | Baker and Company, Columbus, Ohio, for Chair in Food Industries. |
| \$ 10,000.00 | C. Brian, Eaton, Ohio, for Martha Brian Scholarship. |
| \$ 10,000.00 | Eaton Charitable Foundation, Cleveland, Ohio, for Advanced Design Methods Laboratory Mechanical Engineering. |
| \$ 10,000.00 | Ferrous Industry Energy Research, Hamilton, Ontario, Canada, for Fera Research Fund. |
| \$ 10,000.00 | Glaxo, Inc., Fort Lauderdale, Florida, for Antibiotic Research Rotary - Robert Fass. |
| \$ 10,000.00 | Gleason Memorial Fund, Rochester, New York, for Gleason Fund. |

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

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|--------------|---|
| \$ 10,000.00 | George F. Lonz Foundation, Middle Bass, Ohio, for George F. Lonz Foundation Fund for Enology and Viticulture. |
| \$ 10,000.00 | Carole Schuller, Columbus, Ohio, for Otolaryngology Fund. |
| \$ 10,000.00 | TRW, Inc., Cleveland, Ohio--\$5,000.00 for ElectroScience Lab Director's Fund and \$5,000.00 for Capital Campaign in Industrial Systems. |
| \$ 9,250.00 | Porthouse Trust, Kent, Ohio--\$5,250.00 for College of Engineering Campaign; \$2,000.00 for Class of 1932 Presidents Fund; and \$2,000.00 for College of Engineering Special Fund. |
| \$ 8,976.00 | Ohio Federation of Federal Land Bank Association, Bellefontaine, Ohio, for Cooperative Business. |
| \$ 8,648.28 | Maurice Neidigh, State College, Pennsylvania, for Neidigh Scholarship in Veterinary Medicine. |
| \$ 8,587.50 | Wayne English, Washington, D. C., for Presidents Fund. |
| \$ 8,475.00 | Cyril Porthouse, Kent, Ohio, for Porthouse Fund. |
| \$ 8,294.57 | Brakeman Scholar, Middletown, Ohio--\$7,294.57 for Harry and Ethel Brakeman Memorial Scholarship Fund and \$1,000.00 for Harry and Ethel Brakeman Lectureship Fund. |
| \$ 8,000.00 | Gannett News Foundation, Rochester, New York, for Journalism Director's Special Fund. |
| \$ 7,750.00 | Jimmie Huitt, Richmond, Virginia, for Jimmie Huitt Fund. |
| \$ 7,500.00 | Hoffmann-LaRoche, Nutley, New Jersey, for Endocrine - Tumor Marker CEA Research Fund. |
| \$ 7,500.00 | Edgar W. Ingram Foundation, Columbus, Ohio--\$3,000.00 for Edgar W. Ingram Foundation; \$3,000.00 for College of Administrative Science; and \$1,500.00 for Edgar W. Ingram Foundation Scholarship. |
| \$ 7,500.00 | Jobs for America's Graduates, Inc., Washington, D. C., for Center for Human Resource Research. |
| \$ 7,500.00 | Pennsylvania Power and Light, Allentown, Pennsylvania, for Mechanical Engineering Coal Combustion Laboratory Fund. |

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

- \$ 7,500.00 Phillips Petroleum Foundation, Bartlesville, Oklahoma, for Mechanical Engineering Coal Combustion Laboratory Fund.
- \$ 7,200.00 Nationwide Insurance, Columbus, Ohio, for Graduate Industrial Organizational Students Fellowship.
- \$ 7,000.00 Marion College Foundation, Marion, Ohio, for Marion Campus Scholarship Fund.
- \$ 6,951.00 Chemical Abstracts Service, Columbus, Ohio, for WOSU Support Fund.
- \$ 6,740.00 Joseph Bitonte, Columbus, Ohio--\$6,700.00 for Operation Eye Research and \$40.00 for Student Athlete Grant-in-Aid.
- \$ 6,583.06 Melvin Moffitt, San Antonio, Texas, for Melvin E. Moffitt Memorial.
- \$ 6,509.00 William Buschman, Columbus, Ohio--\$2,500.00 for Veterinary Medicine - Education and Research; \$2,500.00 for Geology Support Fund; \$1,500.00 for Cheerleaders Support Fund; and \$9.00 for Student Athlete Grant-in-Aid.
- \$ 6,500.00 Gwendolyn Buschman, Columbus, Ohio--\$2,500.00 for Geology Support Fund; \$2,500.00 for Veterinary Medicine - Education and Research Fund; and \$1,500.00 for Cheerleaders Support Fund.
- \$ 6,325.99 University Renal Group, Columbus, Ohio--\$4,467.99 for Renal Disease Research Fund and \$1,858.00 for University Renal Group Research Fund.
- \$ 6,013.00 Huntington National Bank, Columbus, Ohio, for WOSU Support Fund.
- \$ 6,000.00 AM Cyanamid Company, Wayne, New Jersey, for Vascular Surgery Development Fund.
- \$ 6,000.00 Chevron, USA, Inc., San Francisco, California--\$5,000.00 for Chevron Graduate Study and \$1,000.00 for Geology Support Fund.
- \$ 6,000.00 Clippard Instrument Lab Industries, Cincinnati, Ohio, for Fluid Power Fund.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

- | | |
|-------------|---|
| \$ 6,000.00 | Dow Chemical Company Foundation, Midland, Michigan, for Dow Chemical Company Scholarship and Fellowship Fund in Chemical Engineering. |
| \$ 6,000.00 | Optom Educators, Inc., Columbus, Ohio, for Glenn Fry Professorship. |
| \$ 5,513.75 | William Junk, Washington Court House, Ohio, for William M. and Frances Smith Junk Endowed Fund. |
| \$ 5,500.00 | Amoco Foundation, Inc., Chicago, Illinois--\$1,500.00 for Julie Anne Klein Award in Food Science and Nutrition; \$1,500.00 for Department of Chemical Engineering Support Fund; \$1,500.00 for Department of Mechanical Engineering Support Fund; and \$1,000.00 for College of Law Advancement Fund. |
| \$ 5,475.00 | Barbara Racey, Worthington, Ohio, for Oral Surgery Support Fund. |
| \$ 5,433.56 | Eye Physicians and Surgeons, Columbus, Ohio, for Ophthalmology Teaching Fund. |
| \$ 5,147.01 | Josef Knull, Columbus, Ohio, for Dorothy J. and Josef Knull Fund. |
| \$ 5,023.30 | Susan Benes, Columbus, Ohio, for Ophthalmology Teaching Fund. |
| \$ 5,015.00 | June Battles, Columbus, Ohio, for Torrence Makley Fund. |
| \$ 5,010.00 | Ray Groves, Cleveland, Ohio--\$2,000.00 for College of Administrative Science; \$2,000.00 for Accounting - Special Fund; and \$1,010.00 for Student Athlete Grant-in-Aid. |
| \$ 5,000.00 | Helen Allison, Columbus, Ohio, for Dr. Floyd M. Beman Fund. |
| \$ 5,000.00 | Campbell Soup Fund, Davis, California, for Chair in Food Industries. |
| \$ 5,000.00 | Ernst & Whinney Foundation, Cleveland, Ohio, for Ernst & Whinney Conference on Accounting Education. |
| \$ 5,000.00 | William Fink, Prescott, Arizona, for W. H. Fink Prize Fund. |

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or more (contd)

- \$ 5,000.00 Ford Motor Company, Dearborn, Michigan--\$2,500.00 for Affirmative Action Fund; \$1,500.00 for Women in Engineering Scholarship Fund; and \$1,000.00 for Women Engineers in Engineering Administration.
- \$ 5,000.00 Hannon Company, Canton, Ohio, for Equine Embryo Research - Threlfall.
- \$ 5,000.00 Helen Hayes, Portland, Ohio, for Operation Eye Research.
- \$ 5,000.00 Jack Hendershot, Findlay, Ohio, for Torrence Makley Fund.
- \$ 5,000.00 Stanley Joehlin, Curtice, Ohio, for Stanley Joehlin Award in Agricultural Engineering.
- \$ 5,000.00 Kali-Duphar Labs, Columbus, Ohio, for Kali-Duphar - Witiak.
- \$ 5,000.00 Sherry Levin, Cincinnati, Ohio, for Torrence Makley Fund.
- \$ 5,000.00 Bert McClanahan, Columbus, Ohio, for Student Athlete Grant-in-Aid.
- \$ 5,000.00 McDonald Ohio, Westerville, Ohio, for Ohio 4-H Foundation Support Fund.
- \$ 5,000.00 OSU Oncology Immunology Lab, Columbus, Ohio, for Cancer Research Fund - Dr. Minton.
- \$ 5,000.00 Ross Labs, Columbus, Ohio, for Human Nutrition and Food Management Special Projects Fund.
- \$ 5,000.00 M. Speck, Youngstown, Ohio, for Drs. M. Henry and Myron E. Speck Fund.

Gift-in-Kind

- \$ 77,703.00 Ervin Nutter, Xenia, Ohio, 4-H Camp Clifton Health Center.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Report - January 1983

Gifts of \$5,000 or more

\$47,192.00	Ohio Seed Improvement, Dublin, Ohio--\$23,646.00 for Soybean Research and \$23,546.00 for Wheat Development.
\$35,000.00	Bremer Foundation, Youngstown, Ohio, for Bremer Foundation.
\$27,150.00	Anna Roessler Trust, Columbus, Ohio, for Roessler Memorial Medical Scholarship Fund.
\$20,000.00	Kellogg's, Battle Creek, Michigan, for Special NC-151 Fund.
\$17,500.00	WTVN-AM Radio, Columbus, Ohio, for Center for Visual Arts.
\$16,290.08	Retinal Consultants, Columbus, Ohio--\$14,448.79 for Retina Research Fund and \$1,841.29 for Ophthalmology Photography Fund.
\$15,400.00	Seward Schooler, Coshocton, Ohio, for Reese-Schooler Fund.
\$11,302.03	Carl Baldwin, Columbus, Ohio, for Carl M. and Grace C. Baldwin Eye Care Fund.
\$10,500.00	Merck and Company, Inc., Rahway, New Jersey--\$7,000.00 for Infectious Disease Research Fund and \$3,500.00 for Veterinary Pathobiology Research and Development Fund.
\$10,000.00	M. Speck, Youngstown, Ohio, for M. Henry and Myron E. Speck Fund.
\$ 8,224.00	Bell Laboratories, Murray Hill, New Jersey, for Electrical Engineering Chairman's Discretionary Fund.
\$ 6,000.00	Central Ohio Center for Economic Education, Columbus, Ohio, for Economics Education Fund.
\$ 5,330.42	Robert Sessions, Columbus, Ohio, for Ohio Student Loan Fund.
\$ 5,000.00	Corn Refiners Association, Inc., Washington, D. C., for Special NC-151 Fund.
\$ 5,000.00	Reynolds Industries, Inc., Winston-Salem, North Carolina, for College of Agriculture.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds

Warner and Lora Pomerene Faculty Enhancement Fund

The Warner and Lora Pomerene Faculty Enhancement Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University through a bequest to The Ohio State University by the late Warner and Lora Pomerene.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to attract, award, and retain outstanding teachers in the College of Agriculture and Home Economics. Distribution of these funds will be made by the Associate Dean of the College in charge of Resident Instruction, on the approval of the Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations of the appropriate administrative official of the University, who is then directly responsible for agricultural resident instruction.

The J. Parker and Kathryn Webb Dinius Fellowship Fund

The J. Parker and Kathryn Webb Dinius Fellowship Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from J. Parker (K-Com. '26) and Kathryn Webb Dinius (B.S.Ed. '25) of Findlay, Ohio.

All gifts are to be invested in the University's Permanent Endowment under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide fellowship funds for graduate or professional level students at The Ohio State University who have earned a varsity sports letter at The Ohio State University during undergraduate years, with preference given to football players. The selection of the recipient(s) shall be made by the University Committee on Student Financial Aids, in collaboration with the appropriate officials responsible for graduate school fellowships.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to recommendations from the appropriate administrative official of the University who is then directly responsible for the University athletic program.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Chicago Corporation Fund

The Chicago Corporation Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Chicago Corporation, Chicago, Illinois, and W. Peter Williams, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used at the discretion of the Dean of the College of Administrative Science to enrich and support academic programs of the College.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined to be the most beneficial to the College of Administrative Science.

William A. Schoonover - Trane Scholarship

The William A. Schoonover - Trane Scholarship was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family, friends, and associates of William A. Schoonover, B.S. Industrial Systems Engineering, 1946.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to a male undergraduate student pursuing a degree in Engineering. The student(s) should be of high moral character with demonstrated financial need and proven academic ability. The scholarship should be awarded to a junior or senior with preference given to previous recipients. The selection of the recipient is to be made upon the recommendation of the Dean, College of Engineering.

Should the need for these scholarships and fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Metropolitan Washington, D. C., Alumni Scholarship Fund

The Metropolitan Washington, D. C., Alumni Scholarship Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the Metropolitan Washington, D. C. area.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate students from the Metropolitan Washington, D. C. area enrolled in The Ohio State University, with preference given to students who are in the upper twenty-five percentile of a national test, such as the ACT, SAT, etc. The selection of the recipient is to be made in accordance with the recommendation of a selection committee from The Ohio State University Alumni Club of Washington, D. C. in conjunction with the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships and student financial aids.

The Department of Family Relations and Human Development Endowed Fund

The Department of Family Relations and Human Development Endowed Fund was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the Department of Family Relations and Human Development.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide support for special activities and projects of the Department of Family Relations and Human Development in the School of Home Economics. Funds will be allocated upon the recommendation of the chairman of the Department of Family Relations and Human Development.

April 1, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Department of Family Relations and Human Development Endowed Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations from the appropriate administrative official of the University who is then directly responsible for the School of Home Economics.

The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine

The Ellen Gerlat Memorial Scholarship Fund in Veterinary Medicine was established April 1, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund in loving memory of Ellen Gerlat, first-year student in the College of Veterinary Medicine, from her parents, Mr. and Mrs. Norman Gerlat, and from other family and friends.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for students enrolled in the College of Veterinary Medicine who best exemplify the academic excellence and personal leadership which Ellen possessed, as evidenced by the fact that she graduated Phi Beta Kappa, summa cum laude from Ohio State University in 1982 and carried a 4.00 accumulative average during her first year enrolled in the College of Veterinary Medicine. The student(s) should: (1) be residents of Ohio; (2) have done the majority of their undergraduate work at The Ohio State University; and (3) be a first-year student in the College of Veterinary Medicine.

Only one award will be given until such time as the interest generates 150 percent of a quarter's tuition. Once the interest yields more than 150 percent of one quarter's tuition, then the funds would be divided equally between two recipients. No one award will represent more than 150 percent of one quarter's tuition. The selection of the recipients is to be made by the College Scholarship Committee after the students' first quarter in the College and will be approved by the Dean of the College of Veterinary Medicine.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medical education.

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April 1, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS

Resolution No. 83-113

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

PARKING LOT MAINTENANCE 1983 - EMULSION SEAL COAT

Project: To increase the longevity of newly constructed parking lots, seal-coating will be applied to the following lots:
Tuttle Park Lots 1 and 2 East
Tuttle Park Lots 1, 2, 3, and 4 West
Lord Hall Lot
Dental Lot
Water Resources Lot
Fawcett Center North and South
French Field House North and South
Print Shop Lot

Funding: Traffic and Parking - Account 885071

Estimated Project Cost: \$69,274.00

PARKING LOT MAINTENANCE 1983 - PATCH, REPAIR AND SLURRY SEAL

Project: Patching, crack sealing, and slurry seal, due to deterioration of four heavily used parking lots located at the new Vocational Technical Education Building, Vivian Hall, Animal Science Building, and Howlett Hall.

Funding: Traffic and Parking - Account 885071

Estimated Project Cost: \$38,006.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory

April 1, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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REPORT OF AWARD OF CONTRACTS AND ESTABLISHMENT OF CONTINGENCY FUNDS

Resolution No. 83-114

Synopsis: Contracts have been awarded for the project listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following project:

AGRICULTURAL ADMINISTRATION BUILDING REMODELING

Description: This project will improve the quality of space assigned to certain units and relieve overcrowded conditions in the building.

General Contract

Date Received:	February 7, 1983
No. of Bids:	5
Low Bid:	\$115,440.00*
High Bid:	\$165,494.00*
Estimate of Cost:	\$151,637.00*
Awarded to:	Baranda Construction Co.

* Recommended alternates reflected in these figures.

April 1, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

AGRICULTURAL ADMINISTRATION BUILDING REMODELING (contd)

HVAC Contract

Date Received:	February 7, 1983
No. of Bids:	2
Low Bid:	\$116,379.00*
High Bid:	\$120,900.00*
Estimate of Cost:	\$132,336.00*
Awarded to:	Edmonds Mechanical Contractors

Electrical Contract

Date Received:	February 7, 1983
No. of Bids:	2
Low Bid:	\$ 77,131.00*
High Bid:	\$ 91,873.00*
Estimate of Cost:	\$ 94,000.00*
Awarded to:	J & L Electric Co.

Total All Contracts: \$308,950.00

Total Contingency Allowance: \$ 21,195.11

Total Project Cost: \$370,500.00

Funding: Amended Substitute H.B. 552 (U & R)

* Recommended alternates reflected in these figures.

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the project listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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April 1, 1983 meeting, Board of Trustees

**EASEMENT
COLUMBUS AND SOUTHERN OHIO ELECTRIC COMPANY**

Resolution No. 83-115

Synopsis: Renewal of electrical transmission line easement at Lane Avenue and North Star Road is proposed.

WHEREAS in 1968 the University granted to the Columbus and Southern Ohio Electric Company an easement 1160 feet in length and 15 feet wide for the purpose of servicing University property at 2470 North Star Road; and

WHEREAS this easement expires on July 29, 1983 and the University has received a request from C&SOE to renew the easement for a period of fifteen years upon the same terms and conditions as the original easement; and

WHEREAS the electrical transmission lines for which the easement is requested serve only University facilities; and

WHEREAS the appropriate University agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Berry, seconded by Dr. Jacob, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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DENTAL CARE GROUP INSURANCE PROGRAM

Resolution No. 83-116

Synopsis: Renewal dental insurance contract is recommended for award.

WHEREAS the Board of Trustees on February 1, 1980 designated Ohio Medical Indemnity Mutual Corporation as the provider for the faculty/staff group dental insurance program for a three-year period, effective May 1, 1980; and

WHEREAS it has been deemed appropriate to review the program and to solicit new quotations for continuing the coverage subsequent to the April 30, 1983 expiration date of the current three-year contract; and

April 1, 1983 meeting, Board of Trustees

DENTAL CARE GROUP INSURANCE PROGRAM (contd)

WHEREAS quotations were requested from twenty-three (23) insurance firms and received from ten (10) providers; and

WHEREAS the appropriate University offices have made a comparative analysis of the program elements, rate quotations, and provider delivery capabilities, and based on this effort a recommendation for renewal has been formulated:

NOW THEREFORE

BE IT RESOLVED, That, contingent upon resolution of the issues relating to provider offices to facilitate the dual-choice plan, Ohio Medical Indemnity Mutual Corporation be designated as the carrier for the group dental insurance program at a monthly premium of \$7.63 per faculty/staff member, or an estimated annual premium of \$1,161,588. Coverage will be available for dependents on an optional basis at a monthly premium of \$7.63 for one dependent and \$18.41 for two or more dependents. Fifty percent of the premium for dependent coverage will be paid by the University (estimated annual cost, \$535,926); the balance will be paid by participating faculty/staff members via payroll deduction; and

BE IT FURTHER RESOLVED, That the contract for coverage be awarded for a 26-month period effective May 1, 1983, with the understanding that this contract may be subject to renegotiation if the issues related to the dual-choice plan cannot be satisfactorily resolved on or before October 1, 1983.

Upon motion of Mr. Immke, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution with five affirmative votes cast by Messrs. Hilliker, Havens, Immke, Berry and Mrs. Bowser and two abstentions by Mr. Smith and Dr. Jacob.

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FINANCING CERTAIN AUXILIARY FACILITIES

Resolution No. 83-117

Synopsis: Authorization to determine the method of financing certain auxiliary facilities is recommended.

WHEREAS, the Board of Trustees (the "Board") of The Ohio State University (the "University") has adopted on this date Resolution No. 83-118 providing for the issuance and sale of not to exceed \$18,500,000.00 of The Ohio State University General Receipts Bond Anticipation Notes, Series 1983 (the "Series 1983 Notes"), to finance certain Auxiliary Facilities, therein defined; and

WHEREAS, the Board has adopted on this date Resolution No. 83-119 providing for the authorization, issuance and sale of not to exceed \$18,500,000.00 of The Ohio State University General Receipts Bonds, Series 1983 (the "Series 1983 Bonds"), to finance certain Auxiliary Facilities, therein defined; and

April 1, 1983 meeting, Board of Trustees

FINANCING CERTAIN AUXILIARY FACILITIES (contd)

WHEREAS, the Board does not intend to issue both the Series 1983 Notes and the Series 1983 Bonds, but rather one or the other; and

WHEREAS, because of uncertain market conditions affecting the sale of debt obligations of the University the Board desires to have the flexibility to take advantage in its method of financing its Auxiliary Facilities of the most favorable market conditions prevailing at the time of such financing;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. The Fiscal Officer (as defined in the resolutions mentioned in the Preambles hereof) is hereby authorized and directed to determine whether the University will issue General Receipts Bond Anticipation Notes or General Receipts Bonds for the purpose of financing certain Auxiliary Facilities, giving due consideration to such factors as interest rates and other market factors connected with the sale of debt obligations of the University, and the time of need of note or bond proceeds.

Section 2. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the foregoing resolution was adopted by the Board of Trustees by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY**

Resolution No. 83-118

Synopsis: Authorization, issuance and sale of not to exceed \$18,500,000.00 General Receipts Bond Anticipation Notes, Series 1983, of The Ohio State University.

WHEREAS, The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the "Board") May 7, 1971 (herein called the "General Bond Resolution") and by a Trust Agreement dated as of June 1, 1971 (herein called the "Trust Agreement"), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)**

WHEREAS, the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code and called "University Facilities" in the General Bond Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

WHEREAS, there is presently outstanding \$2,720,000.00 principal amount of General Receipts Bonds, Series 1971, and \$8,550,000.00 principal amount of General Receipts Bonds, Series 1981, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS, the University has previously determined, and does hereby confirm, that it is necessary to construct a coal fired boiler with required air pollution equipment; to extend existing steam lines to service the west dormitory complex, the midwest campus, and hospital facilities; and to refurbish the existing steam lines and power plant and herein called the "Project," the cost of which Project is estimated to be not less than \$18,500,000.00;

WHEREAS, it is necessary and desirable to issue bond anticipation notes in the principal amount not to exceed \$18,500,000.00 for the purpose of the Project, which notes shall be issued in anticipation of the issuance of a series of General Receipts Bonds of the University, under the Trust Agreement, as supplemented.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award (the "Certificate of Award") provided for in Section 4 hereof, is sometimes herein called and may be known as the "Resolution," the Notes authorized by this Resolution are referred to herein as the "Notes," and the terms "hereof," "hereby," "hereto," "herein," and "hereunder," and similar terms, mean this Resolution. As used in this Resolution, "Project" shall have the meaning provided for such term in the preambles hereto.

Section 2. AUTHORIZATION, TERMS AND PURPOSE OF THE NOTES. That in order to obtain funds for the Project, the Board hereby determines that pursuant to the laws of the State of Ohio, and particularly Chapter 3345 and Sections 3345.11 and 3345.12 of the Ohio Revised Code, and the General Bond Resolution, to the extent applicable, there shall be issued its negotiable notes in anticipation of the issuance of General Receipts Bonds of the University, in the principal amount not to exceed \$18,500,000.00. The notes shall be

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)**

dated and shall mature on the dates determined by the Fiscal Officer, of the denomination of \$5,000 each, or any integral multiple thereof, numbered from 1 upwards, and shall not be subject to call for redemption prior to maturity, unless the Fiscal Officer determines that the Notes shall be callable. The Notes shall bear interest at the rate or rates approved by the Fiscal Officer, payable at maturity of the Notes. Principal of and interest on the Notes shall be payable upon presentation at maturity in lawful money of the United States of America at the principal office of The Huntington National Bank of Columbus, Columbus, Ohio, or such other bank as determined by the Fiscal Officer (herein the "Paying Agent"). The Notes shall be bearer obligations, issued without coupons. The Notes may be issued in installments with a common maturity date.

Section 3. DESIGNATION AND EXECUTION. The Notes shall be designated "General Receipts Bond Anticipation Notes, Series 1983." They shall be negotiable instruments and shall express upon their face the purpose for which they are issued and that they are issued pursuant to general laws of Ohio, particularly Chapter 3345 of the Ohio Revised Code and to this Resolution. The Notes shall be executed in the same manner provided for obligations issued under the General Bond Resolution.

Section 4. SALE OF NOTES. The Notes shall be sold to The Ohio Company (the "Original Purchaser"), Columbus, Ohio, at such terms (including sale at either par or a discount), interest rate or rates and conditions as accepted by the Fiscal Officer as provided in this Section, provided that the net interest rate shall not exceed 10-1/2% per annum. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Notes, in sufficient number for distribution by the Original Purchaser.

The Fiscal Officer shall establish the terms, conditions and interest rate or rates for the Notes by a certificate of the Fiscal Officer, herein called the "Certificate of Award," which shall identify in this Resolution, the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution.

Section 5. APPLICATION OF PROCEEDS OF NOTES. The proceeds from the sale of the Notes shall be used for the purposes of the Project. Pending such use, the proceeds of sale of the Notes shall be invested, subject to the limitations imposed by the Internal Revenue Code of 1954 and Regulations promulgated or proposed thereunder, and Section 9 of this Resolution, in obligations approved by the Fiscal Officer.

Section 6. PLEDGE OF GENERAL RECEIPTS. Principal of and interest on the Notes, together with the principal of and interest on any other notes that may hereafter be issued by the University on a parity therewith, shall be equally and ratably payable from, and secured by a pledge of and a lien on, the "General Receipts" of the University as defined in Section 1 of the General Bond Resolution, but subject to the existing pledges thereof in favor of the series bonds issued pursuant to the General Bond Resolution, and the principal of and interest on the Notes shall also be equally and ratably payable from, and secured by a pledge of

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)**

and lien on, the proceeds of the sale of General Receipts Bonds or notes issued pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code or other authorizing provisions of law to refund or retire the Notes; provided that neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the principal of or interest on the Notes from any other funds or source, nor shall the Notes be a claim upon or lien against any property of the State of Ohio or any other property of or under the control of the University, and the Notes, as to both principal and interest, are not debts or bonded indebtedness of the State of Ohio, are not general obligations of the State or the University, the full faith and credit thereof are not pledged thereto, and the owners of the Notes shall have no right to have any excises or taxes levied by the General Assembly of the State of Ohio for the payment of such principal or interest.

In consideration of the loan evidenced by the Notes, the University covenants and agrees that it will do all things necessary to effect the issuance and delivery, prior to the maturity of the Notes, of General Receipts Bonds or notes for the refunding of the Notes, pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code, or other authorizing provisions of law, in such principal amount as shall be necessary together with other lawfully available funds, if any, to pay the principal of and interest on the Notes; that it will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate or rates as shall be necessary in order to effect such sale; and that it shall apply the proceeds thereof to the extent necessary to make full payment of the principal of and interest on the Notes; and such obligations are established as duties specifically enjoined by law upon the University and its officers, and resulting from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Ohio Revised Code.

In connection with the aforesaid covenant, it is the present intention of the University that such bonds as may be issued to retire the Notes will be issued as General Receipts Bonds pursuant to the General Bond Resolution.

Section 7. RELEASE OF LIEN. The foregoing pledges in favor of the Notes shall be released upon the deposit by the University, with the Paying Agent, of cash or direct obligations of the United States of America, or a combination thereof (which United States government securities mature on or before the maturity date of the Notes) in an amount sufficient fully to discharge the principal and interest requirements of the Notes at and prior to maturity.

Section 8. PAYMENT OF NOTES. In the event any of the Notes shall not be presented for payment when the principal thereof becomes due, if moneys for the purpose of paying, and sufficient to pay, such note shall have been made available to the Paying Agent therefor, it shall be the duty of the Paying Agent to hold such moneys in trust, without liability to the University or the owner of the note for interest thereon, for the benefit of such owner, who shall, subject to the provisions of this Section, thereafter be restricted exclusively to such moneys for any claim of whatever nature on his part under this Resolution or on, or with respect to, said note. Any moneys which shall be so held by the Paying Agent, and which remain unclaimed by the owner of the note not presented for payment, for a period of three

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)**

years after the date on which such note shall have become payable as provided above, shall, upon request in writing by the University, be paid to the University, and thereafter the owner of such note shall look only to the University for payment and then only to the amounts, or to the extent of amounts, so received by the University without any interest thereon, and the Paying Agent shall have no further responsibility with respect to such moneys.

The moneys paid to the University pursuant to this Section 8 shall be credited by it to a special fund of the University, as a trust fund separate and apart from other funds of the University, to be maintained in an account or accounts with a bank or banks that are members of the Federal Deposit Insurance Corporation. The University shall keep a record of the amounts so deposited in said special fund, and moneys in such fund shall be applied to payment of principal of the note or notes with respect to which such money is transferred to the University. Moneys in such special fund unclaimed for fifteen years after such moneys are paid to the University shall become the absolute property of the University free from all claims of any kind.

Section 9. USE OF PROCEEDS. The University hereby covenants that it will restrict the use of the proceeds of the Notes in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Notes, so that the Notes will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Notes is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Notes, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Notes regarding the amount and use of the proceeds of the Notes and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Notes along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Notes.

Section 10. CONTRACT WITH NOTE HOLDERS. This Resolution and the pledges and covenants of the Board of Trustees made herein shall constitute a contract between the University and the owners of the Notes, and no alteration or variation of any of the provisions of this Resolution shall be made so long as any of said Notes remain outstanding and unpaid, except with the written consent of all of such owners.

Section 11. AUTHORITY OF OFFICERS. The officers of the University and of this Board are hereby authorized to take any and all action necessary or proper to comply with the terms of this resolution and to effect timely delivery of the Notes, and to execute all necessary and appropriate certifications with respect to the Notes and the disposition of the proceeds of sale thereof.

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BOND ANTICIPATION
NOTES, SERIES 1983, OF THE OHIO STATE UNIVERSITY (contd)**

Section 12. REQUIRED APPROVALS. This Board hereby directs the Fiscal Officer to defer the issuance of the Series 1983 Bonds until the University receives the appropriate approvals from the Ohio Board of Regents and from the Environmental Protection Agency, as well as any additional approvals that the Fiscal Officer deems to be required prior to the delivery of the Series 1983 Bonds.

Section 13. OPEN MEETING. This Board hereby finds and determines that all formal actions relative to the passage of this resolution were taken in an open meeting of this Board, and that all deliberations of this Board and of its committees, if any, which resulted in formal action, were taken in meetings open to the public, in full compliance with applicable legal requirements, including Section 121.22 of the Ohio Revised Code.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY**

Resolution No. 83-119

Synopsis: Authorization, issuance and sale of not to exceed \$18,500,000.00 General Receipts Bonds, Series 1983, of The Ohio State University, pursuant to Trust Agreement dated as of June 1, 1971.

WHEREAS, The Ohio State University (herein called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, by resolution adopted by its Board of Trustees (herein called the "Board") May 7, 1971 (herein called the "General Bond Resolution") and by a Trust Agreement dated as of June 1, 1971 (herein called the "Trust Agreement"), comprised in part of the General Bond Resolution, has provided for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto; and

WHEREAS, the General Bond Resolution was adopted and the Trust Agreement was authorized by the Board pursuant to Sections 3345.11 and 3345.12 of the Ohio Revised Code enacted by the General Assembly of Ohio under authority of the Constitution of Ohio, particularly Section 2i of Article VIII thereof, which authorize the University to issue its Bonds to pay costs of certain capital facilities, defined as "auxiliary facilities" in Section 3345.12 of the Ohio Revised Code and called "University Facilities" in the General Bond Resolution and in this Series 1983 Resolution, and to refund, fund or retire such Bonds or other obligations previously issued for such purpose; and

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY**

WHEREAS, there is presently outstanding \$2,720,000.00 principal amount of General Receipts Bonds, Series 1971, and \$8,550,000.00 principal amount of General Receipts Bonds, Series 1981, heretofore issued and delivered pursuant to the Trust Agreement; and

WHEREAS, the University has previously determined, and does hereby confirm, that it is necessary to construct a coal fired boiler with required air pollution equipment; to extend existing steam lines to service the west dormitory complex, the midwest campus, and hospital facilities; and to refurbish the existing steam lines and power plant and herein called the "Project," the cost of which Project is estimated to be not less than \$18,500,000.00; and

WHEREAS, the University previously determined, and does hereby confirm, to borrow funds for the permanent financing of the costs of the Project, and for such purpose to issue its General Receipts Bonds at such time and in such principal amount as may be necessary for such purpose; and

WHEREAS, pursuant to the foregoing, the University has determined to issue, as the third issue of Bonds under the Trust Agreement, not to exceed \$18,500,000.00 principal amount of General Receipts Bonds, to be designated General Receipts Bonds, Series 1983, for the purposes of the Project, and desires to provide therefor by this Resolution of its Board;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, AS FOLLOWS:

Section 1. DEFINITIONS AND INTERPRETATIONS. All words and terms defined in Section 1 of the General Bond Resolution and all interpretations therein provided shall have the same meanings, respectively, and be subject to the same interpretations as therein provided where used in this Resolution, unless the context or use clearly indicates another or different meaning or intent, except that this Resolution, together with the Certificate of Award (the "Certificate of Award") provided for in Section 5 hereof, is sometimes herein called and may be known as the "Series 1983 Resolution," the Bonds authorized by this Resolution are referred to herein and in the Third Supplemental Trust Agreement hereby authorized as the "Series 1983 Bonds," and the terms "hereof," "hereby," "hereto," "herein," and "hereunder," and similar terms, mean this Resolution. As used in this Resolution, "Project" shall have the meaning provided for such terms in the preambles hereto.

Section 2. AUTHORITY. This Resolution is adopted pursuant to the General Bond Resolution, the Trust Agreement, and the Act.

Section 3. AUTHORIZATION, DESIGNATION AND PURPOSE OF SERIES 1983 BONDS. It is hereby declared to be necessary to, and the University shall, issue, sell and deliver, as provided and authorized herein, not to exceed \$18,500,000.00 principal amount of General Receipts Bonds of the University which shall be designated "General Receipts Bonds, Series 1983," for the purpose of paying the costs of the University Facilities that comprise the Project. For such purpose, the proceeds from the sale of the Series 1983 Bonds shall be allocated, deposited and applied as provided in Section 6 hereof.

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY (contd)**

Section 4. TERMS AND PROVISIONS APPLICABLE TO THE SERIES 1983 BONDS.

- (a) **FORM AND NUMBERING.** The Series 1983 Bonds shall be issued initially in the form of coupon Bonds registrable as to principal only or of fully registered Bonds as requested by the Original Purchaser thereof (subject to legal requirements), shall be exchangeable for Series 1983 Bonds in coupon form or fully registered form as provided in the Trust Agreement, and shall be numbered as determined by the Fiscal Officer.
- (b) **DENOMINATION AND DATES.** The Series 1983 Bonds in coupon form shall be in the denomination of \$5,000 each, and shall be dated as of June 1, 1983, or on such other date as set forth in the Certificate of Award. The Series 1983 Bonds in fully registered form shall be in the denomination of \$5,000 and any integral multiple thereof authorized by the Trust Agreement, and shall be dated as of the date of Series 1983 Bonds in coupon form if authenticated prior to the first interest payment date, and otherwise shall be dated as of the last interest payment date preceding the date of their authentication except that if authenticated on an interest payment date they shall be dated as of such date of authentication; provided that if at the time of authentication, interest thereon is in default, they shall be dated as of the date to which interest has been paid. Each Series 1983 Bond shall have only one principal maturity date, except for interim certificates or receipts which may be issued pending preparation of definitive Bonds.
- (c) **INTEREST.** The Series 1983 Bonds shall bear interest from their respective dates payable semiannually on June 1 and December 1, beginning December 1, 1983, at the respective rates per annum set forth in the Certificate of Award.
- (d) **MATURITIES.** The Series 1983 Bonds shall mature on December 1 in the years and in the principal amounts set forth in the Certificate of Award.
- (e) **REDEMPTION TERMS AND PRICES.** The Series 1983 Bonds may be issued subject to redemption at the option of the University prior to their stated maturities, in whole or in part, in accordance with the terms, conditions, redemption prices and on the dates set forth in the Certificate of Award. If less than all of the outstanding Series 1983 Bonds are called for redemption at one time, they shall be called in inverse order of the maturities of the Series 1983 Bonds outstanding; and if less than all of the outstanding Series 1983 Bonds of one maturity are to be called, the selection of such Series 1983 Bonds, or portions of fully registered Bonds, of such maturity to be called shall be made by lot in the manner provided in the Trust Agreement. Notice of call for redemption of Series 1983 Bonds shall be given in the manner provided in the Trust Agreement.

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY (contd)**

- (f) **PLACE OF PAYMENT AND PAYING AGENTS.** The Bond service charges, including principal, interest and any redemption premium, on the Series 1983 Bonds in coupon form, other than principal of or any redemption premium on coupon bonds registered as to principal other than to bearer, shall be payable at the principal corporate trust office of the Trustee, or, at the option of the holder at the principal corporate trust office of the Chemical Bank, New York, New York. The principal of and any redemption premium on fully registered Series 1983 Bonds and of Series 1983 coupon bonds registered as to principal (except to bearer) shall be payable at the principal corporate trust office of the Trustee and the interest on fully registered Series 1983 Bonds shall be payable by check or draft, as provided in the Trust Agreement.
- (g) **EXECUTION.** The Series 1983 Bonds and the coupons pertaining thereto shall be executed in the manner provided in the General Bond Resolution.

Section 5. SALE OF SERIES 1983 BONDS. The Series 1983 Bonds shall be sold to The Ohio Company (the "Original Purchaser"), Columbus, Ohio, at such terms (including sale at either par or a discount), interest rate or rates and conditions as accepted by the Fiscal Officer as provided in this Section, provided that the net interest rate shall not exceed 10-1/2% per annum. The Fiscal Officer may also cause to be prepared and printed and, together with the Chairman of this Board, shall sign an official statement of the University setting forth appropriate material information pertaining to the University and to the Series 1983 Bonds, in sufficient number for distribution by the Original Purchaser.

The Fiscal Officer shall establish the terms, conditions and interest rate or rates for the Series 1983 Bonds by a certificate of the Fiscal Officer, herein called the "Certificate of Award," which shall identify in this Resolution and the Trust Agreement, the interest rate or rates, and state such other data or provisions as the Fiscal Officer determines consistent with this Resolution and the Trust Agreement. The Certificate of Award shall be incorporated in and form a part of the Third Supplemental Trust Agreement authorized by Section 9 hereof.

Section 6. APPLICATION OF PROCEEDS OF SERIES 1983 BONDS. All of the proceeds from the sale of the Series 1983 Bonds shall be received and receipted by the Fiscal Officer, and shall be allocated, deposited and applied as follows:

- (a) To the Bond Service Account in the General Receipts Bond Service Fund, the portion of such proceeds representing accrued interest and premium, if any; and
- (b) To the Construction Account the balance of such proceeds to be used for the Project, including all costs incidental thereto and the costs of issuing the Series 1983 Bonds. Moneys in the Construction Account shall be invested in Eligible Investments, as defined in Section 1 of the General Bond Resolution, maturing not later than the times when such moneys are required for

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983,
OF THE OHIO STATE UNIVERSITY (contd)**

the purposes of the Project. Any surplus in the Construction Fund not required for the Project shall be transferred to the Bond Service Reserve Account or to the Bond Service Account at the discretion of the Fiscal Officer.

Section 7. USE OF PROCEEDS. The University hereby covenants that it will restrict the use of the proceeds of the Series 1983 Bonds in such manner and to such extent, if any, as may be necessary, after taking into account reasonable expectations at the time of the delivery of and payment for such Bonds, so that the Series 1983 Bonds will not constitute arbitrage bonds under Section 103(c) of the Internal Revenue Code and the applicable income tax regulations under that Section. The Fiscal Officer or any other officer, including the Secretary of the Board, having responsibility for issuing the Series 1983 Bonds is authorized and directed, alone or in conjunction with any of the foregoing or with any other officer or employee of or consultant to the University, to give an appropriate certificate of the University, for inclusion in the transcript of proceedings for the Series 1983 Bonds, setting forth the reasonable expectations of the University on the date of delivery of and payment for the Series 1983 Bonds regarding the amount and use of the proceeds of the Series 1983 Bonds and the facts, estimates and circumstances on which they are based, pursuant to said Section 103(c) and the applicable income tax regulations thereunder. The Fiscal Officer shall furnish to the Original Purchaser a true transcript of proceedings, certified by him, of all proceedings had with reference to the issuance of the Series 1983 Bonds along with such information from the records as is necessary to determine the regularity and validity of the issuance of said Bonds.

Section 8. FUNDING OF REQUIRED RESERVE. In accordance with and consistent with clause (2) (i) of Section 7 (b) of the General Bond Resolution, the portion of the Required Reserve necessitated by reason of the Series 1983 Bonds, based on the interest rates as set forth in the Certificate of Award, shall be funded as determined by the Fiscal Officer and may be funded from the proceeds of the Series 1983 Bonds, or as provided in the second paragraph of this Section 8, or a combination of such methods.

At the discretion of the Fiscal Officer, if required to fund the Required Reserve, at least five business days before each June 1 and December 1, commencing June 1, 1983, or as of the date of the delivery of the Series 1983 Bonds to the Original Purchaser, the University shall pay to the Trustee from the Bond Pledge Fund and, if necessary, from the proceeds of the Series 1983 Bonds or from any other General Receipts of the University, to the credit of the Bond Service Reserve Account, at least one-tenth of such portion of the Required Reserve necessitated by reason of the Series 1983 Bonds. Such payments to the Trustee shall, subject to clause (2) (iii) of Section 7 (b) of the General Bond Resolution, be made and continue at the times and in the amounts aforesaid until the aforesaid portion of the Required Reserve is fully funded.

Section 9. THIRD SUPPLEMENTAL TRUST AGREEMENT. The Chairman of the Board, the President of the University, the Secretary of the Board, and the Fiscal Officer, or any one or more of them, are authorized and directed to execute, acknowledge and deliver to the Trustee, in the name of and on behalf of the University, a Third Supplemental Trust

April 1, 1983 meeting, Board of Trustees

**AUTHORIZATION, ISSUANCE AND SALE OF NOT TO EXCEED
\$18,500,000.00 GENERAL RECEIPTS BONDS, SERIES 1983
OF THE OHIO STATE UNIVERSITY**

Agreement pursuant to the Trust Agreement and in connection with the issuance of the Series 1983 Bonds, in the form approved by the officer or officers executing the same on behalf of the University.

Section 10. REQUIRED APPROVALS. This Board hereby directs the Fiscal Officer to defer the issuance of the Series 1983 Bonds until the University receives the appropriate approvals from the Ohio Board of Regents and from the Environmental Protection Agency, as well as any additional approvals that the Fiscal Officer deems to be required prior to the delivery of the Series 1983 Bonds.

Section 11. OPEN MEETING. It is found and determined that all formal actions of this Board and of any of its committees concerning and relating to the adoption of this resolution were adopted in an open meeting of this Board, and that all deliberations of this Board and of any of its committees that resulted in such formal action were in meetings open to the public, in compliance with all legal requirements including Section 121.22 of the Ohio Revised Code.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Mr. Havens commented concerning the handling of this financing as follows:

Mr. Chairman, this matter came before our committee this morning and we did mention in the committee and we would like to mention again today that under the direction of Ed Jennings, with Dick Jackson and other people participating, I think they did an outstanding job in presenting this to the Trustees. They showed great initiative and great judgment because I think this will save us \$100 million over the next twenty years. I think the staff administration should be greatly complimented, its good judgment, good initiative, and also a lot of hours and a lot of work to also the individual members of the Trustees. They visited each and every Trustee, went through the report, took hours to consume it and went through untotaled time. I just think that Ed Jennings and his staff should be thoroughly complimented on the way this was approached.

President Jennings:

Thank you, Mr. Havens. That should be noted that Ed Jennings had very little to do with it. It was Dick Jackson and Tom Smith's group that were the ones that went through that and I know they will appreciate your 'thank you' and your thanks and appreciation.

--O--

April 1, 1983 meeting, Board of Trustees

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-120

RESOLVED, That the report on the University's Investment Portfolio, dated March 18, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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INTRODUCTION - DR. TZAGOURNIS

President Jennings:

First of all we approve of the personnel actions and I'd like to note to the Board that Dr. Tzagournis is in the audience. Congratulations, Manny, on the the appointment as a Vice President.

--O--

JUNE COMMENCEMENT

President Jennings:

I am also very, very pleased to inform you that Vice President George Bush will be the featured speaker at the 284th Commencement ceremony on Friday, June 10, in Ohio Stadium. I know all of you will join me in expressing our great pleasure and our thanks to the Vice President for agreeing to accept this commencement speech; I know I certainly will and I know you will look forward to his commencement address to our spring graduates.

--O--

Thereupon the Board adjourned to meet Thursday, May 5, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 9:30 a.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND EIGHTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 5, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, May 5, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Warren J Smith, Chairman, John D. Jacob, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, John W. Berry, and Shirley D. Bowser.

* * *

Minutes of the last meeting were approved.

* * *

May 5, 1983 meeting, Board of Trustees

The Vice Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 9:30 a.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Vice Chairman, D. James Hilliker, John F. Havens, Daniel M. Galbreath, Leonard J. Immke, and John W. Berry.

--O--

Chairman Smith reconvened the meeting as a committee of the whole at 11:00 a.m. and the following actions were taken.

ELECTION OF OFFICERS BOARD OF TRUSTEES

Resolution No. 83-121

Mr. Immke presented the following slate of officers:

WHEREAS pursuant to paragraph (B) of rule 3335-1-02 of the Administrative Code, the officers of the Board are to be elected at the May meeting to take office immediately following adjournment of the meeting (May 5, 1983) and shall hold their office through the May, 1984 meeting:

NOW THEREFORE

BE IT RESOLVED, That the following slate of officers for 1983-1984 be elected:

John D. Jacob, Chairman

D. James Hilliker, Vice Chairman

Madison H. Scott, Secretary

James L. Nichols, Treasurer

Upon motion of Mr. Galbreath, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

--O--

President Jennings called on Dr. Haenicke to review the amendments to the *Rules of the University Faculty* which are included in the agenda.

May 5, 1983 meeting, Board of Trustees

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY

Resolution No. 83-122

Synopsis: Amendments to rules 3335-5-29, 3335-5-30, 3335-5-31, 3335-5-34, 3335-5-35, 3335-5-46, 3335-7-14, 3335-7-26, 3335-9-01, 3335-9-02, 3335-9-04, 3335-9-13, and 3335-9-15 of the Rules of the University Faculty are proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the proposed changes in the *Rules of the University Faculty* were approved by the University Senate on April 16, 1983, as follows:

AMENDED RULES

3335-5-29 Membership.

The regular members of the graduate faculty shall consist of those members of the university faculty who are approved by the executive committee of the graduate council. Ex officio members of the graduate faculty are the vice president for academic affairs and provost, the deans of the colleges, and the director of libraries.

3335-5-30 Powers and functions.

The graduate faculty shall have the following general powers and functions:

- (D) To receive the annual report of the dean of the graduate school and such other reports as the dean shall submit.
- (E) Perform the functions approved by the graduate council.

3335-5-31 Meetings.

- (A) Meetings of the graduate faculty shall be called by the dean of the graduate school whenever so requested by ten per cent of the regular members of the graduate faculty or by a majority of the members present at any regular meeting of the graduate council.
- (B) The dean of the graduate school shall announce the time, place and purpose of each meeting at least seven days before the date of the meeting. The dean of the graduate school, or designee, shall preside at all meetings of the graduate faculty. All actions of the graduate faculty shall be upon a majority vote of the regular members present. In case of a tie vote on any matter before the graduate faculty, the dean of the graduate school shall cast the deciding ballot. Any action taken pursuant to paragraphs (B) or (C) of rule 3335-5-30 of the Administrative Code shall be proposed at one meeting of the graduate faculty and acted upon at a subsequent meeting called for that purpose.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-5-34 Election of faculty members.

- (A) Faculty members shall be elected from each of the ten graduate areas identified by the graduate council, for staggered terms of four years and shall be ineligible for reelection for one year thereafter.
- (B) Elections shall be administered and supervised by a graduate council elections committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the spring quarter of each year for terms beginning with the following autumn quarter.

There shall be a graduate council nominating committee in each area, consisting of the retiring member of the graduate council representing that area, as chairperson, and as members the continuing members representing that area and the chairperson of the graduate committee for each department in that area or, in the absence of a graduate committee the department chairperson or designee. The committee shall make a minimum of four nominations, including nominations received by petition from any six or more members of the graduate faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of election. The person receiving the next highest number of votes shall be an alternate member for a term of two years.

3335-5-35 Powers and functions.

The graduate council shall be the principal legislative body of the graduate school and, subject to modification or reversal by the graduate faculty, shall have the following powers and functions:

- (A) To initiate graduate school policies and to act upon any questions affecting those policies.
- (B) To establish and publish rules governing graduate programs.
- (C) To submit recommendations about proposals for adopting new courses and curricula involving graduate credit or for altering or abolishing existing ones to the council on academic affairs.
- (D) To submit recommendations about adopting or abolishing academic degrees administered by the graduate school to the council on academic affairs.
- (E) To encourage and stimulate scholarly research and creative activity.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

- (F) To make recommendations about establishing, affiliating, and abolishing research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies.
- (G) To approve, modify, or reverse any action taken by its standing committees.
- (H) To oversee the graduate area representation plan established by rule 3335-5-33 of the Administrative Code.

3335-5-46 Senate committees.

Steering committee

- (I) The steering committee shall consist of fourteen members apportioned as follows: six faculty, one dean, three administrators, and four students. The faculty representatives, three of whom shall be elected each year, and the dean shall be ineligible for immediate reelection. The representatives from the administration shall be the vice president for academic affairs and provost, the university fiscal officer, and without vote, the secretary of the university senate, ex officio. The (elected) members of the steering committee shall be chosen as follows:
 - (1) The faculty membership shall nominate a slate of at least three and no more than six faculty representatives.
 - (2) The representatives of the administration shall nominate at least one and no more than two deans when a new representative is elected.
 - (3) The four student members shall be as follows:
 - The president of the graduate-professional council
 - The president of the council of graduate students
 - The president of the undergraduate student government
 - One elected through nomination from the undergraduate student membership of the senate.

Program committee

- (M) The program committee shall consist of nine members apportioned as follows: four faculty, three students, one dean, and the secretary of the university senate. The faculty representatives, two of whom shall be elected each year, and the dean shall be ineligible for immediate reelection.

Rules committee

- (S) The rules committee shall consist of ten members apportioned as follows: six faculty, three students, and the secretary of the university senate. The faculty representatives, three of whom shall be elected each year, shall be ineligible for immediate reelection.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

3335-7-14 Approval of student schedules.

The deans or secretaries of the several colleges and schools, or designees, shall approve the schedule of classes of students in their colleges and schools but the assignment to hours and all changes in such assignment shall be made by the office of registration, records and scheduling.

3335-7-26 Point-hour ratio.

(B) When determining the point-hour ratio of a student:

- (1) For a quarter, the "applicable number of credit hours" shall be the student's scheduled credit hours in that quarter.
- (2) For the student's work in the university, the "applicable number of credit hours" shall be the total number of credit hours undertaken in the university except as modified by paragraphs (A) (2) or (B) of rule 3335-7-271 of the Administrative Code.
- (3) For the student's work in the graduate school, the "applicable number of credit hours" shall be the total number of graduate credit hours undertaken while enrolled in the graduate school. For the student's work in a professional college or school or professional division of a college. The "applicable number of credit hours" shall be the total number of credit hours undertaken while enrolled in the professional college or school or professional division of a college.

3335-9-01 Classification of students for admission.

Students shall be classified as:

- (B) Graduate students: regular, special, graduate nondegree, conditional, or transient. The provisional classification is used in conjunction with the regular, special, and conditional classifications.

3335-9-02 Time of admission.

- (B) Admission as a graduate student. Graduate students meeting all admission requirements may be admitted in any one of the four quarters.

3335-9-04 Specific admission requirements.

- (A) Undergraduate student. For admission as a regular undergraduate student, an applicant must be a graduate of a high school (or equivalent preparatory school), or must have passed equivalent entrance examinations. For unconditional admission the applicant must present a minimum of fifteen high school units distributed in accordance with a preparatory curriculum approved by the university faculty and must meet the special requirements of

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY (contd)

the college or school the applicant desires to enter, subject to such deficiencies (or conditions) as that college or school may permit (see also rule 3335-9-24 of the Administrative Code). The preparatory curriculum is not required for the unconditional admission of regular undergraduate students with high school graduation prior to April 1, 1984.

For admission as a special undergraduate student, an applicant must satisfy the vice president for academic affairs and provost, or designee, that the applicant is qualified to undertake the special program desired.

- (B) Graduate student. An applicant must meet the admission criteria established by the graduate council. All applicants must specify a field of specialization.
- (C) Professional student. An applicant for admission as a regular or special student in a professional program must meet the pre-professional requirements of the school, college or division of a college the applicant desires to enter. If the applicant does not meet the pre-professional requirements, the applicant may be admitted subject to such deficiencies (or conditions) as that school, college or division of a college may permit.
- (D) Transient student. To be considered for admission as a transient student, the applicant must present a brief, definite program endorsed by the president or dean of the student's university or college. Where this and all other pertinent matters are satisfactory to the director of admissions, the applicant may be admitted unless there is objection by the college, school or division of which the applicant seeks admission.

3335-9-13 Application and acceptance fees.

- (E) Graduate. A non-refundable acceptance fee is assessed all students, except graduate non-degree students, enrolling for the first time in the graduate school of the university. Payment is to be made prior to registration.

3335-9-15 Penalty for payment of fees when payment is not honored.

The registration of any student who pays fees by a payment that is not honored upon presentation is subject to cancellation. If permitted to reregister and/or pay, the student will be assessed a penalty for reregistration and the regular penalty for late payment provided for in rule 3335-9-14 of the Administrative Code.

NOW THEREFORE

BE IT RESOLVED, That the amendments to the *Rules of the University Faculty* be adopted as recommended by the University Senate.

Upon motion of Mr. Berry, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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May 5, 1983 meeting, Board of Trustees

**CONVERSION OF DIVISION OF COMPARATIVE STUDIES IN THE HUMANITIES
TO CENTER FOR COMPARATIVE STUDIES IN THE HUMANITIES**

Resolution No. 83-123

Synopsis: The conversion of Division of Comparative Studies in the Humanities to Center for Comparative Studies in the Humanities is recommended.

WHEREAS the present Division of Comparative Studies in the Humanities was designed for eventual transformation into a Center; and

WHEREAS the College of Humanities has proposed Center-status for the Division in order to allow for more successful and efficient operation; and

WHEREAS the Council on Academic Affairs has examined the proposed conversion of the Division to the Center for Comparative Studies in the Humanities and approves that change:

NOW THEREFORE

BE IT RESOLVED, That the recommendation of the University Senate that the Division of Comparative Studies in the Humanities be converted to the Center for Comparative Studies in the Humanities be approved.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 83-124

Synopsis: Approval is requested for awarding honorary degrees to three individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Herman Chernoff
Christa Wolf

Doctor of Science
Doctor of Humane Letters

and

WHEREAS pursuant to paragraph (C) of rule 3335-3-03 of the Administrative Code, the President, after consultation with the Steering Committee of the University Senate, recommended to the Board of Trustees awarding of an honorary degree as listed below:

George H. Bush

Doctor of Humane Letters

May 5, 1983 meeting, Board of Trustees

HONORARY DEGREES (contd)

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Dr. Jacob, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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DISTINGUISHED SERVICE AWARD

Resolution No. 83-125

Synopsis: Posthumous presentation of the University's Distinguished Service Award to Judith B. Washburn is proposed.

WHEREAS Judith B. Washburn spent her professional career as a member of the staff of The Ohio State University, serving the University for twenty years in all aspects of financial management and planning; and

WHEREAS she was nationally known for her proven abilities in budgeting for higher education; and

WHEREAS her deep commitment to this University was evidenced by her strong support of academic excellence, as she developed plans for the reallocation of scarce resources among colleges; and

WHEREAS with an intimate knowledge of the University's finances at all levels, Mrs. Washburn advised three University presidents on financial planning matters, and her wisdom and innovative thinking were invaluable assets to Ohio State's progress and financial stability; and

WHEREAS the President's Staff, serving as a Committee on Distinguished Service Awards, has nominated and recommended Judith B. Washburn for approval by the Board of Trustees to receive posthumously the Distinguished Service Award in accordance with action taken by the Board of Trustees in 1952:

NOW THEREFORE

BE IT RESOLVED, That the University and the Board of Trustees honor Mrs. Washburn's memory with the Distinguished Service Award for her significant contributions to The Ohio State University in the fields of financial management and planning; and

May 5, 1983 meeting, Board of Trustees

DISTINGUISHED SERVICE AWARD (contd)

BE IT FURTHER RESOLVED, That the Distinguished Service Award for Judith B. Washburn be presented posthumously at a time convenient to the University and the family of the recipient.

Upon motion of Mr. Immke, seconded by Mr. Havens, the foregoing resolution was adopted by unanimous voice vote.

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Dr. Haenicke presented a brief review of the proposal made by the College of Law to change from the present quarter calendar to a semester calendar.

CHANGE COLLEGE OF LAW FROM QUARTER CALENDAR TO SEMESTER CALENDAR

Resolution No. 83-126

Synopsis: A change in the College of Law from the quarter calendar to a semester calendar is being proposed.

WHEREAS College of Law Dean James E. Meeks reported to the Council on Academic Affairs on October 27, 1982, that the faculty of the College of Law voted to implement a semester calendar, and this proposal was also supported by students in the College of Law; and

WHEREAS on February 1, 1983, the University Calendar Committee reviewed and unanimously approved the proposal by the College of Law to establish a semester calendar; and

WHEREAS on March 2, 1983, the Council on Academic Affairs reviewed and approved the College of Law proposal to establish a semester system with the following provisions:

- a. That a detailed listing of new courses and credit hours be provided;
- b. That a policy for dealing with transfer credit hours from the law semester courses to University transcripts and from University quarter courses to law transcripts be created;
- c. That assurance be provided from the College of Law that its new curriculum meets the standards of its accrediting body;
- d. That the course titles, course numbers, and credits can be recorded properly on the official University transcript;
- e. That assurance be provided that tuition charges to students who register for courses on the other calendar system are equitable and prorated;
- f. That the College of Law provide assurance of continued support for interdisciplinary work by faculty and students; and

May 5, 1983 meeting, Board of Trustees

**CHANGE COLLEGE OF LAW FROM QUARTER CALENDAR
TO SEMESTER CALENDAR (contd)**

WHEREAS on March 3, 1983, the Council of Deans approved the College of Law proposal to establish a semester system; and

WHEREAS this recommended change has been coordinated with other appropriate offices including the Graduate School and the University Senate:

NOW THEREFORE

BE IT RESOLVED, That an "early semester calendar system" for the College of Law be created in accordance with the plan proposed by that college, and that said calendar system be implemented effective Autumn, 1984.

Upon motion of Mr. Immke, seconded by Dr. Jacob, the foregoing resolution was adopted by unanimous voice vote.

President Jennings made the following statement:

All right. This would be--I think there's two important things here. One is that Diether is exactly right: with a couple of very minor exceptions, we are the only law school remaining on a quarter system. There are other law schools in a quarter system institution that are now on the semester system; I think the best example is the University of Minnesota, if I'm not right, Jim. But, it also I think is a reflection of the great diversity in this institution and the institutional attempt to try and be as flexible as possible. I frankly think this has no implication for changing to semester for the entire campus, I think that's a whole separate issue. I think this is attempting to accommodate a rather unique situation around the country in law schools where it is not only bar exam, but it is different in sync. It is the bar attempting to judge the academic credits of our students versus everybody else. And I think this is something we can accommodate. There are a few, roughly ten, law school students who also take non-law courses that everybody has been alerted to--whether it is in the dormitory system or every place else that we will have to accommodate--make special accommodations for these few students who are in law school and taking other courses throughout the institution. Jim assures me, however, that the law school will not make any change in their policy of being certain to have an even number of students. In law schools you have to have an even number of students because they can't make a living unless there are at least two of them.

--O--

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT

Resolution No. 83-127

Synopsis: Approval is being requested for awarding degrees and certificates for Spring Quarter Commencement.

May 5, 1983 meeting, Board of Trustees

DEGREES AND CERTIFICATES - SPRING QUARTER COMMENCEMENT (contd)

WHEREAS pursuant to paragraph (E) of rule 3335-1-06 of the Administrative Code, the Board has authority for the issuance of degrees and certificates; and

WHEREAS the faculties of the colleges and schools shall transmit the names of persons who have completed degree and certificate requirements in accordance with rule 3335-9-29 of the Administrative Code, for approval by the Board of Trustees:

NOW THEREFORE

BE IT RESOLVED, That the degrees and certificates be conferred on June 10, 1983, to those persons who have completed the requirements for their respective degrees and certificates and are recommended by the colleges and schools and that the names of those persons awarded degrees and certificates be included in the minutes of this meeting.

Upon motion of Dr. Jacob, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--O--

PERSONNEL ACTIONS

Resolution No. 83-128

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Appointment; Medical Staff--Appointments; Medical Staff--Reappointments; Appointment of Acting Chairperson; Reappointment of Department Chairperson; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leave--Change of Dates; Professional Improvement Leave--Cancellation; and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the April 1, 1983 meeting of the Board, including the following Appointment; Medical Staff--Appointments; Medical Staff--Reappointments; Appointment of Acting Chairperson; Reappointment of Department Chairperson; Leaves of Absence Without Salary; Professional Improvement Leave; Professional Improvement Leave--Change of Dates; Professional Improvement Leave--Cancellation; and Emeritus Titles as detailed in the University Budget, be approved.

Appointment

Name:	JOHN ELLINGER
Title:	Director - Student Unions
Office:	Student Services
Effective:	July 1, 1983
Salary:	\$34,200.00
Present Position:	Associate Director - Student Unions

May 5, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Acting Chairperson

October 1, 1983 through March 31, 1984

East Asian Languages and Literatures

Yuan-shan Lao

Reappointment of Department Chairperson

July 1, 1983 through June 30, 1987

Botany

Emanuel D. Rudolph

Medical Staff--Appointments

Effective July 1, 1982

Arlynn F. Mulne, M.D.	Transfer from Courtesy to Attending Staff in Pediatrics	Assistant Professor
Darryl A. Robbins, D.O.	Courtesy Staff in Pediatrics	Clinical Assistant Professor

Effective August 1, 1982

Mark Clasen, M.D., Ph.D.	Courtesy Staff in Obstetrics and Gynecology	Assistant Professor
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Effective September 1, 1982

Robert T. Brown, M.D.	Attending Staff in Pediatrics	Associate Professor
John E. Duckworth, D.D.S.	Attending Staff in General Dentistry	Assistant Professor
Frederick B. Ruymann, M.D.	Attending Staff in Pediatrics	Professor

Effective November 1, 1982

Michael J. Besson, M.D.	Courtesy Staff in Ophthalmology	Clinical Assistant Professor
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Effective December 1, 1982

Harisios Boudoulas, M.D.	Attending Staff in Cardiology	Professor
Alfred A. DeMaria, Jr., M.D.	Courtesy Staff in Neurology	Clinical Assistant Professor
William C. Maclean, Jr., M.D.	Courtesy Staff in Pediatrics	Clinical Associate Professor
Phillip D. Jeffers, M.D.	Courtesy Staff in Orthopaedic Surgery	Clinical Assistant Professor

May 5, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Appointments (contd)

Effective January 1, 1983

Patricia Bucher, M.D.	Limited Staff in General Psychiatry	Clinical Instructor H.S.
Eva Tilsworth Chapin, M.D.	Attending Staff in Diagnostic Radiology	Assistant Professor
Cynthia A. Coles, M.D.	Limited Staff in General Psychiatry	Clinical Instructor H.S.
John R. Hazlip, M.D.	Limited Staff in General Psychiatry	Clinical Instructor H.S.
David E. Henderson, M.D.	Courtesy Staff in Pediatrics	Clinical Instructor
Luigi Maresca, M.D.	Limited Staff in Thoracic and Cardiovascular Surgery	Clinical Instructor H.S.
Craig S. Mills, M.D.	Transfer from Limited to Attending Staff in Diagnostic Radiology	Instructor
Jo Ann C. Y. Rohyans, M.D.	Courtesy Staff in Pediatrics	Clinical Instructor
Carl G. Schowengerdt, M.D.	Limited Staff in Thoracic and Cardiovascular Surgery	Clinical Instructor H.S.

Effective January 3, 1983

Daniel J. Heinmiller, M.D.	Limited Staff in Pediatrics	Clinical Instructor H.S.
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Effective February 1, 1983

Paul Hrissikopoulos, M.D.	Attending Staff in Anesthesiology	Instructor
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Effective March 1, 1983

Wisam N. Owais, M.D.	Transfer from Limited Staff in Child Psychiatry to Courtesy Staff in General Psychiatry	Clinical Instructor
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Medical Staff--Reappointments

Perry R. Ayres, M.D.	Courtesy Staff in General Medicine	Clinical Professor
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Effective January 10, 1983

Bruce G. Sommer, M.D.	Attending Staff in General Surgery	Assistant Professor
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Effective January 14, 1983

Leigh Jay Herman, M.D.	Limited Staff in Radiology	Clinical Instructor H.S.
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May 5, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Medical Staff--Reappointments (contd)

Effective February 1, 1983

Hooshang Semnani, M.D. Limited Staff in Pediatrics Clinical Instructor H.S.

Leaves of Absence Without Salary

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, effective Winter Quarter 1984 and Spring Quarter 1984, for research activities at the University of Chicago.

DAVID LYNN FORSTER, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective May 9, 1983 through June 5, 1983, to work at the Forster Farms, Inc., Columbus, Indiana.

GERALD C. GROOMS, Associate Professor, Cooperative Extension Service, effective May 5, 1983 through August 3, 1983, for personal reasons.

DONALD HUBIN, Associate Professor, Department of Philosophy, effective October 1, 1983 through March 31, 1984, to accept a visiting appointment at the University of Pittsburgh.

YUJI KODAMA, Assistant Professor, Department of Mathematics, effective October 1, 1983 through June 30, 1984, to visit the University of Nagoya in Japan.

NEELAMEGAM SOUNDARARAJAN, Assistant Professor, Department of Computer and Information Science, effective April 1, 1983 through September 30, 1983, for personal reasons.

Professional Improvement Leave

JAMES A. KNIGHT, Associate Professor, Department of Agricultural Education, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

Professional Improvement Leave--Change of Dates

STEPHEN BUSER, Associate Professor, Academic Faculty of Finance, change professional improvement leave from Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984, to Autumn Quarter 1983.

Professional Improvement Leave--Cancellation

M. KATHERINE MEYER, Associate Professor, Department of Sociology, cancel professional improvement leave for Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

May 5, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles

N. WILSON BRITT, Department of Entomology, with the title Professor Emeritus, effective July 1, 1983.

J. OSBORN FULLER, Department of Geology and Mineralogy, with the title Professor Emeritus, effective July 1, 1983.

FRED O. HARTMAN, Department of Horticulture, with the title Professor Emeritus, effective April 1, 1983.

CLIFTON J. LATIOLAIS, College of Pharmacy, with the title Professor Emeritus, effective July 1, 1983.

WENRICH STUCKEY, Cooperative Extension Service, with the title Associate Professor Emeritus, effective April 1, 1983.

Upon motion of Mr. Hilliker, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-129

Synopsis: Resolutions honoring the service of four of this University's faculty members and one staff member who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Immke, seconded by Mr. Berry, the foregoing resolution was adopted by unanimous voice vote.

Edward L. Fox

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 1, 1983, of Edward L. Fox, Professor of Physical Education in the College of Education.

Professor Fox was born on May 30, 1938. He received his Bachelor's, Master's and Ph.D. degrees from The Ohio State University, the latter in 1965. While an undergraduate, he received the President's Scholarship Medal in 1959, and was a Central Ohio Heart Association Research Fellow while doing his doctoral work. He was a United States Public Health Service Post-doctoral Fellow at Indiana University in 1967-68.

May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward L. Fox (contd)

He joined the faculty of The Ohio State University in 1968 and became a Professor of Health, Physical Education and Recreation in 1973. He also held appointments as a Professor of Medicine, Associate Professor of Preventive Medicine and Associate Professor of Physiology. He believed deeply in the mission of the University, and was one of its greatest advocates.

Professor Fox was one of the most respected people in the exercise sciences. He was a Fellow of the American College of Sports Medicine, and recently served as Vice President of that organization. Articles reporting his research appeared in the most prestigious journals, and his textbooks are considered to be among the very finest in his field. Colleagues from the world over sought his opinion, and his reputation was such that he attracted students of the highest caliber.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Fox its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Edward M. Kennaugh

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on March 11, 1983 of Edward M. Kennaugh, Professor Emeritus of Electrical Engineering.

Professor Kennaugh attended City College of New York prior to entering the U. S. Army in 1943. During the period of military service, he attended The Ohio State University, in 1943 and 1944, as part of the Army Specialized Training Program. He returned to OSU after his discharge in 1946 and obtained a Bachelor's degree in electrical engineering in 1947, a M.S. degree in physics in 1952, and the Doctor of Philosophy in electrical engineering in 1959.

Professor Kennaugh was a widely acclaimed authority on electromagnetic theory. His basic work on frequency- and time-domain scattering not only gained widespread recognition for himself and for The Ohio State University, but also provided the basis for work of many researchers to follow.

His fundamental study of the polarization properties of radar scattering objects, accomplished in the early 1950's, remains today the definitive work in the area. His introduction, in 1958, of the "Impulse Response" concept of three dimensional electromagnetic scatterers became the foundation of a large body of literature on active radars. In 1981, he introduced the "K-pulse" concept as a new theoretical tool for the development of future generations of sophisticated radar systems. In this sense, Professor Kennaugh typified the high ideal of scholarship which is at the very cornerstone of a university's existence.

May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Edward M. Kennaugh (contd)

Professor Kennaugh was associated with the OSU Antenna Laboratory (now the ElectroScience Laboratory) from 1949 to 1976, and also served on the faculty from 1961 to 1976, when he retired from University service. He served as the Director of the ElectroScience Laboratory from 1970 to 1973. He continued to remain active in electromagnetics research following his retirement.

Although his entire career was spent at OSU, Professor Kennaugh served as a consultant to industry and government; he was a member of the Institute of Electrical and Electronic Engineers, and of Commission B of the International Scientific Radio Union. He was also a member of the Sigma Xi Scientific Society.

On behalf of the University community, the Board of Trustees expresses to the family of Edward Kennaugh its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University, and his many friends and associates have sustained.

Walter R. Krill

The Board of Trustees of The Ohio State University expresses sorrow upon the death on March 30, 1983, of Walter R. Krill, Dean and Professor Emeritus in the College of Veterinary Medicine.

Walter R. Krill was born April 13, 1902 in Edgerton, Ohio. He received a B.S. degree from Ohio State University in 1923; a D.V.M. in 1927; and honorary degree, D.Sc., in 1974. He practiced veterinary medicine in Lima, Ohio, from 1927-29; became an instructor in the College of Veterinary Medicine, The Ohio State University in 1929, an assistant professor in 1935, associate professor in 1940, professor in 1943, and was appointed dean in 1946, serving in that capacity until his retirement in 1967. He served as a consultant to the Surgeon General USAF 1950-53; consultant to Special Fund Division of the United Nations in 1963 for service in Mexico; consultant to Biological Laboratories, Camp Detrick, Maryland; consultant AID, India, 1967; chairman, Commission on Regulatory Education; member of the Governors' Commission on Peacetime Uses of Atomic Energy; Advisory Committee of Animal Industry Quarantine Division, U. S. Department of Agriculture.

Dr. Krill was the recipient of the Gamma Award, 1960; Distinguished Alumnus Award, College of Veterinary Medicine, 1971; and named to the Ohio Agriculture Hall of Fame in 1975. He was a member of the American Association of Deans of Veterinary Colleges; Ohio Veterinary Medical Association; U. S. Livestock Loss Prevention Association; Research Workers Animal Disease in North America; U. S. Livestock Sanitary Association, Regional Health Service Advisory Committee; American Dairy Science Association; American Veterinary Medical Association (executive board 1944-49, 1950-54, chairman of the board 1948-49); National Association for Standard Medical Vocabulary; National Board of Veterinary

May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Walter R. Krill (contd)

Medical Examiners; Healing Arts Education Advisory Committee to Selective Service; Land-Grant College Association. Dr. Krill was a member of Phi Zeta, national veterinary honor society; a Shriner and a Rotarian.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Judith B. Washburn

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on April 10, 1983, of Judith B. Washburn, Special Assistant for Fiscal Affairs in the Office of the President.

Born October 2, 1941, in Bellaire, Ohio, Mrs. Washburn earned the B.S. in Business Administration from The Ohio State University in 1963. She joined the staff of the University as an Accountant in the Office of Internal Auditing that year, and held that position until 1965. From 1965 until 1968, Mrs. Washburn was a Research Associate in the Office of Administrative Research and Data Processing. In 1968, she joined the University Budget Office as Assistant to the Director, serving as Director of Special Projects as well from 1969 until 1971, when she became Associate Director of Programs and Planning in the Office of University Budget. From 1972 through 1980, Mrs. Washburn was Executive Director, University Budget; she then was appointed Assistant Vice President in the Office of Finance and Planning.

In 1981, Mrs. Washburn became Special Assistant to the President. Her primary area of responsibility was the formulation of plans, analyses, and recommendations for the President concerning University resources and allocations. Her professional expertise and her outstanding ability as a fiscal advisor to the President have been of immeasurable value to The Ohio State University.

Mrs. Washburn was the recipient of an American Society of Women Accountants Scholarship, and a member of Beta Alpha Psi (Accounting Honorary) and Phi Chi Theta (Women's Commerce Honorary).

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Dr. Consuelo Wise

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 21, 1983, of Dr. Consuelo Wise, Professor Emeritus in the College of Dentistry, Division of Dental Hygiene.

May 5, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Dr. Consuelo Wise (contd)

Dr. Wise received her D.D.S. degree from The Ohio State University in 1926. She was a member of the faculty of the College of Dentistry from 1951 until her retirement in 1971, and was Director of the Division of Dental Hygiene from 1952 until 1969.

Dr. Wise was a member of the American Dental Association, Ohio Dental Association, Omicron Kappa Upsilon Honorary Fraternity, and an honorary member of Sigma Phi Alpha.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-130

Synopsis: The reports on contracts, grants, and gifts and the summary for March 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of March 1983, be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Havens, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	85	\$4,849,571.00
Engineering Experiment Station	14	\$ 214,788.00
Ohio Agricultural Research and Development Center	2	\$ 60,626.00
		\$5,124,985.00

The Ohio State University Development Fund

Establishment of Named Funds

The Irma Cooper Vocal Scholarship Fund (Undergraduate or graduate scholarships)	\$10,988.25
Elderkin Scholarship Fund (Undergraduate scholarships)	\$ 6,062.50
Glenn A. Fry Professorship Endowment Fund (College of Optometry)	\$ 6,000.00
The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine (College of Veterinary Medicine)	\$ 5,500.00
The Harold E. Kaeser Endowed Scholarship Fund (Undergraduate scholarships - Dairy Science)	\$ 5,000.00
Julie Ann Klein Award in Food Science and Nutrition (Department of Food Science and Nutrition)	\$ 5,000.00

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR MARCH 1983 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The John T. Mount Leadership Fund (Lima Campus)	\$ 5,000.00
The Jane Shanely Phi Upsilon Omicron Fellowship Fund (School of Home Economics)	\$ 5,000.00
The Student Tribute to Education Professors Award (College of Education)	\$ 5,000.00

Change in Name of Fund

From: Ohio-Drake Unions Scholarship Fund
To: Wendell W. Ellenwood Scholarship Fund

Report from Presidents Club

Members to date	4,487
1983 members: year to date	32
New members - March 1983	6

New Presidents Club Members - March 1983

Blair Gresens
Bruce A. Killinger
Stanley W. Joehlin

George F. Reiser
Jane C. Walsh
W. Bruce Walsh

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1983 through March 31, 1983

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Sponsor	No. of Awards	Amount of Support
FEDERAL		
National Aeronautics and Space Administration	8	\$ 744,466.00
National Science Foundation	30	1,509,956.00
Department of Defense	21	872,602.00
Department of Energy	4	665,525.00
Department of Education	6	4,974,504.00
Department of Health and Human Services	44	3,173,087.00
Other Federal	21	752,518.00
TOTAL - FEDERAL	134	\$12,692,658.00
STATE OF OHIO	14	\$ 815,954.40
INDUSTRIAL	21	\$ 972,191.45
OTHER NON-FEDERAL	41	\$ 835,473.86
GRAND TOTAL	210	\$15,316,277.71

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THIRD QUARTER SUMMARY

January 1, 1983 through March 31, 1983

ENGINEERING EXPERIMENT STATION

Sponsor	No. of Awards	Support Level
STATE OF OHIO	1	\$ 23,426.00
INDUSTRIAL AND OTHER	75	\$882,396.00
TOTALS	76	\$905,822.00

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - March 1983

Federal Research Contracts/Grants

\$623,775.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center, College of Medicine - Administration (M. Tzournis) and Department of Medicine (W. B. Malarkey), 1 December 1982 through 30 November 1983. (Project 761196 - Continuation)

\$500,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, High Energy Physics, Department of Physics (T. A. Romanowski, K. Reibel, N. W. Reay, N. R. Stanton, T. Y. Ling, H. P. Kagan, S. S. Pinsky, W. W. Wade, W. F. Palmer, K. Tanaka and K. D. Lane), 1 February 1983 through 31 January 1984. (Project 762116 - Continuation)

\$299,875.00 - National Aeronautics and Space Administration, Office of Advanced Research Technology, Langley Research Center, Hampton, Virginia, Radar Cross Section Studies, Department of Electrical Engineering, ElectroScience Laboratory (L. Peters and W. D. Burnside), 1 May 1983 through 30 April 1984. (Project 761608 - Continuation)

\$159,877.00 - Environmental Protection Agency, Washington, D. C., Environmental Carcinogen Perturbation of Differentiation and Induction of Carcinogenesis: Human Epithelial Cells, Department of Physiological Chemistry and Cancer Research Center (G. E. Milo), 28 February 1983 through 27 February 1985. (Project 763457 - New)

\$131,750.00 - National Science Foundation, Washington, D. C., Paleoclimatic Investigations on the Quelccaya Ice Cap, Peru, Institute of Polar Studies (L. G. Thompson), 1 January 1983 through 31 December 1983. (Project 763460 - New)

\$126,529.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Unusual Biologically Active Terpenes, Department of Chemistry (L. A. Paquette), 1 April 1983 through 31 March 1984. (Project 763497 - New)

\$111,900.00 - National Science Foundation, Washington, D. C., Basic Mechanisms of Sliding Friction and Wear, Department of Metallurgical Engineering (D. R. Rigney), 1 April 1982 through 31 March 1984. (Project 763031 - Continuation)

\$107,000.00 - National Science Foundation, Washington, D. C., Liquid Helium at Low Temperatures, Department of Physics (D. O. Edwards), 1 April 1983 through 31 March 1984. (Project 761582 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$105,590.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Immunosuppressive Properties of Retrovirus Protein, Department of Veterinary Pathobiology (R. Olsen and G. J. Kociba), 1 February 1983 through 31 January 1984. (Project 762986 - Continuation)

\$101,329.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Phase I Studies of New Anticancer Agents, Cancer Research Center (J. A. Neidhart), 1 December 1982 through 30 November 1983. (Project 763077 - Continuation)

\$98,952.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Social and Communicative Interactions of Mildly Delayed and Nonhandicapped Preschool Children in Mainstreamed Settings, Nisonger Center for Mental Retardation (M. J. Guralnick), 1 July 1983 through 30 June 1984. (Project 763463 - New)

\$93,959.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Deletions and Mitochondrial Genetic Recombination, Department of Genetics (P. S. Perlman and C. W. Birky), 1 April 1983 through 31 March 1984. (Project 764400 - Continuation)

\$90,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Investigations of Ultrasonic Wave Interactions at Boundaries Separating Anisotropic Media, Department of Welding Engineering (L. Adler), 1 April 1983 through 31 March 1984. (Project 763487 - New)

\$88,054.00 - National Science Foundation, Washington, D. C., Partisanship and Voting, Department of Political Science (H. F. Weisberg), 15 February 1983 through 31 July 1984. (Project 763453 - New)

\$84,319.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Importance of Reactive Oxygen Species in Cell Damage, Department of Medicine (A. L. Sagone), 1 March 1983 through 29 February 1984. (Project 763467 - New)

\$80,576.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stereoisomeric Imidazolines: Adrenoceptor Studies, College of Pharmacy (D. D. Miller and P. N. Patil), 1 April 1983 through 31 March 1984. (Project 763483 - New)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$80,343.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Vestibular Control of Posture, Department of Otolaryngology (C. W. Stockwell), 1 April 1983 through 31 March 1984. (Project 760820 - Continuation)

\$73,696.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Person Perception Processes in Small Groups, Department of Psychology (T. M. Ostrom), 30 December 1982 through 30 September 1983. (Project 762498 - Continuation)

\$69,564.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Active Alkaloids, Department of Chemistry (D. J. Hart), 1 April 1983 through 31 March 1984. (Project 762083 - Continuation)

\$66,572.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Advance RCS Reduction, Department of Electrical Engineering, ElectroScience Laboratory (B. A. Munk), 1 January 1983 through 24 August 1983. (Project 762363 - Continuation)

\$66,531.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Identification of Essential Genes for HSV DNA Synthesis, Department of Medical Microbiology and Immunology (D. S. Parris), 1 March 1983 through 29 February 1984. (Project 762587 - Continuation)

\$65,501.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 761078 - Continuation)

\$65,000.00 - National Aeronautics and Space Administration, Office of Advance Research Technology, Ames Research Center, Moffett Field, California, Use of Computer-Aided Testing in the Investigation of Pilot Response to Critical In-Flight Events, Department of Industrial and Systems Engineering (T. H. Rockwell and W. C. Giffin), 1 December 1982 through 30 November 1983. (Project 762647 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$64,000.00 - Department of the Air Force, Air Force Systems Command, Electronic Systems Division, Hanscom Air Force Base, Massachusetts, Theoretical Studies on Determinations, Predictions, and Accuracies of Geodetic Parameters and Gravimetric Quantities, Department of Geodetic Science and Surveying (U. A. Uotila), 26 April 1983 through 30 September 1983. (Project 762947 - Continuation)

\$58,509.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Pedestrian Impact Quantification and Human Trauma Correlation, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1983 through 31 January 1984. (Project 763465 - New)

\$58,214.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Pharmacology of Novel Antiabortifacients, College of Pharmacy (R. G. Rahwan), 1 April 1983 through 31 March 1984. (Project 762609 - Continuation)

\$56,177.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Transformation from Cone to Channel Sensitivities, Department of Biophysics (C. R. Ingling, Jr.), 1 March 1983 through 29 February 1984. (Project 761926 - Continuation)

\$54,614.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Immunologic Aspects of Legionellosis, Department of Medicine (J. F. Plouffe), 1 February 1983 through 31 January 1984. (Project 762577 - Continuation)

\$47,052.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Cyclic Nucleotides and Prostaglandins in Cleft Palate, Department of Veterinary Preventive Medicine (C. S. Reddy), 1 April 1983 through 31 March 1984. (Project 763474 - New)

\$45,336.00 - National Aeronautics and Space Administration, Washington, D. C., The Role of Acid and Calcium Gradients in Gravitropism, Department of Botany (M. L. Evans), 1 March 1983 through 29 February 1984. (Project 763005 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$45,267.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute on Aging, Bethesda, Maryland, Model to Study Intra and Extrathymic Influences in Aging, Department of Anatomy (K. H. Jones), 1 March 1983 through 29 February 1984. (Project 762998 - Continuation)

\$43,300.00 - National Science Foundation, Washington, D. C., The Interannual Variation of Certain Features of the General Circulation over the Southern Hemisphere, Department of Geography (J. C. Rogers), 1 March 1983 through 29 February 1984. (Project 763498 - Continuation)

\$41,834.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Survival Factors (Nodes, Histology), E-B Virus-Nasopharyngeal Carcinoma, Department of Otolaryngology (D. E. Schuller), 1 April 1983 through 31 March 1984. (Project 761591 - Continuation)

\$37,568.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, Graduate School Administration (J. B. LaPidus), 1 April 1983 through 31 March 1984. (Project 764748 - Continuation)

\$36,394.00 - National Science Foundation, Washington, D. C., Glaciology Near Dome "C," East Antarctica, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans), 1 March 1983 through 30 June 1984. (Project 762783 - Continuation)

\$35,525.00 - Department of Energy, Chicago Operations Office, Argonne Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems, Department of Chemistry (L. M. Dorfman), 1 February 1983 through 31 January 1984. (Project 762589 - Continuation)

\$34,455.00 - National Aeronautics and Space Administration, Office of Advanced Research Technology, Langley Research Center, Hampton, Virginia, The Role of Airfoil Geometry in Minimizing the Effect of Insect Contamination of Laminar Flow Sections, Department of Aeronautical and Astronautical Engineering (M. B. Bragg), 1 March 1983 through 29 February 1984. (Project 763468 - New)

\$32,539.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Electrical Engineering (H. Hemami), 21 February 1983 through 31 July 1983. (Project 763173 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$31,857.00 - National Science Foundation, Washington, D. C., Fabric Development in Polar Ice, Institute of Polar Studies and Department of Geology and Mineralogy (I. M. Whillans) and Institute of Polar Studies (J. F. Bolzan), 4 March 1983 through 31 January 1984. (Project 762446 - Continuation)

\$28,725.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Preliminary Development - Head/Neck Simulator, Department of Mechanical Engineering (D. A. Guenther), 1 April 1983 through 31 July 1983. (Project 763173 - Continuation)

\$27,781.00 - National Science Foundation, Washington, D. C., Complexity of Decision Problems, Department of Computer and Information Science (E. M. Gurari), 1 April 1983 through 31 March 1985. (Project 763492 - New)

\$26,900.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, SID (Side Impact Dummy) Design Modifications, Department of Mechanical Engineering (R. L. Stalnaker), 1 February 1983 through 31 January 1984. (Project 763466 - New)

\$26,271.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, A Study of the Buckling, Postbuckling Behavior and Vibrations of Laminated Composite Panels, Department of Engineering Mechanics (A. W. Leissa), 1 March 1983 through 20 January 1984. (Project 762513 - Continuation)

\$23,331.00 - National Science Foundation, Washington, D. C., Statistical Studies of the Genetic Effects Caused by Population Bottlenecks, Department of Genetics (P. A. Fuerst), 1 May 1983 through 30 April 1984. (Project 762925 - Continuation)

\$23,003.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, The Corneal Environment, College of Optometry (R. M. Hill), 1 April 1983 through 31 March 1984. (Project 761080 - Continuation)

\$22,800.00 - National Science Foundation, Washington, D. C., Classification and Calibration of Cool Stars to Serve as Spectroscopic Standards, Department of Astronomy (P. C. Keenan), 1 July 1983 through 30 June 1984. (Project 763484 - Continuation)

\$19,313.00 - National Science Foundation, Washington, D. C., Glacial Geological and Fossil Beetle Studies in Southern Argentina: A Climatic Reconstruction of the Last 15,000 Years, Institute of Polar Studies (J. H. Mercer), 15 January 1982 through 31 December 1983. (Project 762973 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$17,600.00 - Department of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center, East Liberty, Ohio, Correlation of Measured Acceleration and Displacement Data, Department of Mechanical Engineering (H. R. Busby), 1 March 1983 through 31 December 1983. (Project 763462 - New)

\$16,600.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Boulder, Colorado, Lake Erie Recreational Planning Guide, Center for Lake Erie Area Research (C. E. Herdendorf), 1 March 1983 through 29 February 1984. (Project 763500 - New)

\$15,348.00 - National Science Foundation, Washington, D. C., Precipitation over the Coastal Areas of East Antarctica, Institute of Polar Studies (D. H. Elliot and D. H. Bromwich), 1 May 1981 through 31 October 1983. (Project 762684 - Continuation)

\$15,000.00 - Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Spectral Characteristics of a Standard Aircraft Diffusion Flame, Department of Physics (K. N. Rao), 31 March 1983 through 31 March 1984. (Project 763499 - New)

\$14,734.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Pharmacy (A. H. Soloway), 1 April 1983 through 31 March 1984. (Project 760661 - Continuation)

\$14,684.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Otitis Media with Effusion: Human and Animal Studies, Department of Otolaryngology (D. J. Lim), 1 December 1982 through 30 November 1983. (Project 760043 - Continuation)

\$13,108.00 - National Science Foundation, Washington, D. C., Geologic and Paleontologic History of the James Ross Island Basin, Northern Antarctica Peninsula, Institute of Polar Studies and Department of Geology and Mineralogy (D. H. Elliot) and Institute of Polar Studies (W. J. Zinsmeister), 1 March 1983 through 31 January 1984. (Project 762806 - Continuation)

\$12,734.00 - National Science Foundation, Washington, D. C., Genesis of Mineralization Associated with Andean Intrusions, Northern Antarctic Peninsula Region, Institute of Polar Studies and Department of Geology and Mineralogy (D. E. Pride), 1 August 1979 through 31 July 1983. (Project 761769 - Continuation)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$12,000.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., Effect of Hepatotoxic Nonadecafluorodecanoic Acid on Gene Expression in Rat Liver, Department of Physiological Chemistry (T. E. Webb), 15 April 1983 through 14 January 1984. (Project 763494 - New)

\$12,000.00 - Department of the Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Bolling Air Force Base, D. C., New Gallium Precursors for the Formation of High Purity Gallium Arsenide by Metal Organic Vapor Phase Deposition, Department of Chemistry (E. P. Schram), 1 May 1983 through 30 April 1984. (Project 763496 - New)

\$10,556.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, Stress Corrosion Cracking and Oxidation Characteristics of Boride-Strengthened Microcrystalline Iron and Nickel Based Alloys, Department of Metallurgical Engineering (C. E. Mobley), 1 April 1983 through 30 June 1984. (Project 763166 - Continuation)

\$7,100.00 - National Science Foundation, Washington, D. C., Methods for Reduction of Friction in Transport of Heavy Crude Oil-in-Water Emulsions, Department of Chemical Engineering (J. L. Zakin), 15 February 1983 through 31 January 1985. (Project 763461 - New)

\$5,000.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Effects of Natural Enemies of Populations of *Pyrrhalta luteola*, Department of Entomology (R. W. Hall), 15 January 1983 through 31 December 1983. (Project 763493 - New)

\$4,097.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Study of Biologically Active Microbial Metabolites, Department of Chemistry (H. G. Floss), 1 December 1982 through 30 November 1983. (Project 763393 - Continuation)

\$1,206.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Acanthamoeba Strain Comparisons: Mitochondrial DNA, Department of Microbiology (T. J. Byers), 1 December 1982 through 30 November 1983. (Project 762493 - Continuation)

TOTAL - FEDERAL AWARDS

\$4,383,224.00

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

State of Ohio Research Contracts/Grants

\$15,000.00 - Ohio Board of Regents, Columbus, Ohio, Ohio Area Health Education Center, College of Medicine - Administration (G. L. Trzebiatowski and M. Tzagournis), 1 February 1983 through 30 September 1983. (Project 763472 - New)

\$10,000.00 - Ohio Humanities Council, Columbus, Ohio, Women, Fascism, Everyday Life in Germany (Conference), Department of German (H. Fehervary), 4 December 1982 through 31 May 1983. (Project 763447 - New)

\$9,986.00 - State of Ohio, Department of Natural Resources, Columbus, Ohio, Parasites of Fishes of Old Woman Creek National Estuarine Sanctuary, Department of Zoology (J. L. Crites) and Center for Lake Erie Area Research (C. E. Herdendorf), 1 July 1983 through 30 June 1984. (Project 763481 - New)

\$4,292.00 - Ohio Historical Society, Columbus, Ohio, Development of the Central Ohio Archaeological Survey at The Ohio State University, Department of Anthropology (W. S. Dancey), 1 January 1983 through 31 August 1983. (Project 763473 - New)

\$750.00 - Ohio Arts Council, Columbus, Ohio, Four-Color Collotype Printing, Department of Art Education (R. C. Tauber), 3 January 1983 through 30 June 1983. (Project 763476 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 40,028.00

Industrial Research Contracts/Grants

\$65,816.00 - Ortho Pharmaceutical Corporation, Raritan, New Jersey, Double-Blind Evaluation of the Analgesic Efficacy and Safety of a Suprofen (200 mg) + Codeine (30 mg) Combination Compared to Suprofen (200 mg) Codeine (30 mg) Aspirin (650 mg) and Placebo in Patients with Pain Due to General, Orthopedic, or Gynecological Surgery, Department of Anesthesiology (J. S. McDonald), 1 January 1983 through 29 February 1984. (Project 763495 - New)

\$41,918.00 - Mead Johnson and Company, Evansville, Indiana, Can N-Acetylcysteine Prevent Chronic Doxorubicin Cardiotoxicity, Department of Medicine (D. V. Unverferth), 1 January 1983 through 31 August 1983. (Project 763480 - New)

\$27,290.00 - American Cyanamid Corporation, Clifton, New Jersey, Evaluation of DNA Repair in Human Skin, Department of Radiology (S. M. D'Ambrosio) and Department of Medicine (E. Lowney), 1 January 1983 through 31 March 1983. (Project 763488 - New)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$23,016.00 - Boehringer Ingelheim, Ltd., Ridgefield, Connecticut, Analysis of Dipyrindamole in Plasma, Department of Veterinary Clinical Sciences (R. Sams), 1 January 1983 through 30 June 1983. (Project 762928 - Continuation)

\$19,890.00 - Astra Lakemedel AB, Sodertalje, Sweden, Dosage Form Design and Development, College of Pharmacy (S. G. Frank), 1 January 1983 through 31 December 1983. (Project 762165 - Continuation)

\$18,222.00 - Eltech Systems, Painesville, Ohio, Electrochemical Studies on Aluminum Anodes in Alkaline Media, Department of Metallurgical Engineering (D. D. Macdonald), 1 January 1983 through 30 June 1983. (Project 763459 - New)

\$16,440.00 - Sterile Systems, Inc., Logan, Utah, Analysis of Prostaglandins in Serum, Department of Pharmacology (R. H. Fertel), 1 March 1983 through 29 February 1984. (Project 763485 - New)

\$1,310.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, National Center for Research in Vocational Education (R. E. Taylor), 1 March 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS **\$ 213,902.00**

Other Non-Federal Research Contracts/Grants

\$85,000.00 - Illuminating Engineering Research Institute, New York, N. Y., Contribution of Daylighting to Visibility and Visual Performance of Tasks Found in Residences and Commercial Establishments - Phase I, Department of Microbiology (H. R. Blackwell), 1 February 1983 through 31 August 1983. (Project 763470 - Continuation)

\$25,355.00 - Battelle Memorial Institute, Battelle Columbus Laboratories, Columbus, Ohio, Test Strategy Study for AIDS Performance Tests, Department of Geodetic Science and Surveying (A. Gruen), 13 March 1983 through 15 September 1983. (Project 763489 - New)

\$24,568.00 - Jamaica Government, Ministry of Youth and Community Development, Kingston, Jamaica, Specialist Consultants for National Training Board and Planning/Evaluation and an International In-resident Fellowship Program for Jamaica, National Center for Research in Vocational Education (R. E. Taylor), 1 January 1983 through 31 December 1983. (Project 763425 - New)

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$18,969.00 - Battelle Memorial Institute, Office of Nuclear Waste Isolation, Columbus, Ohio, Experimental and Analytical Studies of the Thermal Aspects of Deep Geological Disposal of Commercial Nuclear Wastes, Department of Mechanical Engineering (R. N. Christensen), 1 March 1983 through 30 June 1983. (Project 761731 - Continuation)

\$15,000.00 - National Cancer Cytology Center, Plainview, New York, An *in Vivo* Model for the Inductive Chemotherapy of Hairy Cell Leukemia, Department of Pathology (R. F. Barth and W. C. Hooper), 1 March 1983 through 29 February 1984. (Project 763469 - New)

\$13,700.00 - S. H. Sklar, Cliffside, New Jersey, Double-Blind Evaluation of Adenosine-5'-Monophosphate (AMP) in the Management of the Neuralgia Component of Cutaneous Herpes Zoster: Isolation of Infectious Herpes Zoster and Antibody Titers in Treated Patients and Controls, Department of Medical Microbiology and Immunology (R. Glaser), 16 March 1983 through 15 March 1984. (Project 763475 - New)

\$10,000.00 - University of Cincinnati, Department of Orthopaedic Surgery, Cincinnati, Ohio, OSU Participation in NIH Grant No. R01-AM27517-03 Title "Bio Mechanics of Ligament/Tendon Repair and Grafts," Department of Veterinary Clinical Sciences (R. B. Hohn and M. L. Olmstead), 1 August 1982 through 31 July 1983. (Project 762827 - Continuation)

\$8,957.00 - University of Rhode Island, Kingston, Rhode Island, Biosynthesis of Marine Natural Products, Department of Chemistry (H. G. Floss), 1 July 1982 through 30 June 1983. (Project 763351 - Continuation)

\$7,500.00 - Society for American Florists Endowment, Edwardsville, Illinois, An Inflated Tube Energy Screen for Nighttime Insulation, Department of Agricultural Engineering (OARDC) (T. H. Short), 1 January 1983 through 31 December 1983. (Project 763479 - New)

\$3,368.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - Continuation)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 212,417.00

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

ENGINEERING EXPERIMENT STATION

Industrial and Other Sponsored Research and Development

\$214,788.00 Fourteen development projects under the direction of 8 engineering departments and research areas.

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal Contracts/Grants

\$47,467.00 - Department of Health and Human Services, Public Health Service, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, continued support of studies on immunity against enteric viral infections, Food Animal Health Research Program, April 1, 1983 to March 31, 1984. (Cooperative Agreement No. 2 R22 A1 10735-09)

\$13,159.00 - Grants Administrative Management Office, U. S. Department of Agriculture, Arlington, Virginia, continued support of the Ohio Program for the National Pesticide Impact Assessment Program, Department of Entomology, to September 30, 1984. (Cooperative Agreement No. 80-CRSR-2-0517)

TOTAL - FEDERAL CONTRACTS/GRANTS \$ 60,626.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Report - February 1983

Gifts of \$5,000 or More

\$315,311.00 Kathryn Wildermuth, Columbus, Ohio, for Wildermuth Memorial Scholarship.

\$134,000.00 E. I. duPont de Nemours & Company, Wilmington, DE--\$26,000.00 for duPont Fund for Mechanical Engineering; \$25,000.00 for duPont Young Faculty Grant - Chemistry; \$14,000.00 for duPont Fund for Research in Chemistry; \$12,500.00 for E. I. duPont Haskell Lab Fellowship in Vet Pathology; \$12,500.00 for duPont Young Faculty Grants; \$12,000.00 for duPont Fund for Research in Chemical Engineering; \$10,000.00 for Affirmative Action Program in Engineering; \$6,000.00 for duPont Fund for Research in Electrical Engineering; \$6,000.00 for Professorship in Plant Protection; \$6,000.00 for duPont Science/Engineering (Pharmacy); and \$4,000.00 for duPont Business Grant.

\$ 50,000.00 The Kiplinger Foundation, Washington, D. C. for W. M. Kiplinger Chair.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 42,000.00 Gynecic Research/Education, Columbus, Ohio, for Education Publications and Research - Obstetrics Fund.
- \$ 39,000.00 PPG Industries, Pittsburgh, Pennsylvania--\$20,000.00 for Capital Campaign Chemical Engineering; \$10,000.00 for Advanced Design Methods Laboratory Mechanical Engineering; \$5,000.00 for Affirmative Action in Engineering; and \$4,000.00 for Minority Assistance Program in the College of Administrative Science.
- \$ 37,000.00 William Skou, Akron, Ohio--\$18,500.00 for Skou Faculty Enrichment and \$18,500.00 for W. J. Skou Scholarship Fund.
- \$ 33,845.00 University Eye Surgeons, Inc., Columbus, Ohio, for Eye Bank Fund.
- \$ 31,557.16 Retinal Consultants, Columbus, Ohio--\$29,715.87 for Retina Research Fund and \$1,841.29 for Ophthalmology Photography Fund.
- \$ 25,000.00 Eastman Kodak Company, Rochester, New York, for Kodak Fellows Program.
- \$ 22,176.81 Reproduction Research Education Associates, Columbus, Ohio, for Education Publications and Research - Obstetrics Fund.
- \$ 21,200.00 Chemlawn Corporation, Columbus, Ohio--\$12,000.00 for Chemlawn Fellowship in Toxicology Fund and \$9,200.00 for Child Development Thesis Fund.
- \$ 20,000.00 Wolfe Associates, Inc., Columbus, Ohio, for Joseph M. Ryan Unit of Cardiovascular Diseases.
- \$ 19,882.89 Banks Florilegm Fund, Columbus, Ohio, for Library Support Fund.
- \$ 18,000.00 Hematology Associates, Columbus, Ohio, for Hematology and Cancer Research Fund.
- \$ 17,700.00 Potash Corporation of Skatchewan, Xenia, Ohio, for PCS Tillage Fertility Fund.
- \$ 16,167.10 Systems Associates, Columbus, Ohio, for Cardiology Support Fund.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

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|--------------|--|
| \$ 14,950.00 | Janssen Pharmaceutical, New Brunswick, New Jersey, for Anesthesia Research and Education Enhancement Fund. |
| \$ 11,436.88 | Ida Topper, Columbus, Ohio, for Topper Lecture Fund. |
| \$ 10,750.75 | University Renal Group, Columbus, Ohio, for Renal Disease Research Fund. |
| \$ 10,500.00 | American Foundation for Pharmaceutical Education, Fair Lawn, New Jersey, for American Foundation for Pharmaceutical Education Fellowship Fund. |
| \$ 10,250.00 | Chevron, USA, Inc., San Francisco, California, for Chevron Fellowship Fund. |
| \$ 10,000.00 | L. B. & E. M. Cullman Fund, New York, New York, for Cullman Symposium Fund. |
| \$ 10,000.00 | R & A Shafer Foundation, Columbus, Ohio, for Friends of WOSU. |
| \$ 9,000.00 | Procter and Gamble Fund, Cincinnati, Ohio--\$5,000.00 for Highlander Research Endowment Fund and \$4,000.00 for College of Law Student Emergency Fund. |
| \$ 8,686.00 | Gulf Oil Foundation, Pittsburgh, Pennsylvania, for Gulf Oil Foundation for Metallurgical Engineering. |
| \$ 8,872.00 | Safe Endowment, Edwardsville, Illinois--\$6,000.00 for Ohio Florists Association Special Fund and \$2,872.00 for Ornamentals Plant Pathology. |
| \$ 8,000.00 | Airtron, Inc., Morris Plains, New Jersey, for Physics Department Chairman's Discretionary Fund. |
| \$ 7,666.00 | Bell Labs, Murray Hill, New Jersey, for Department of Computer and Information Science Chairman's Discretionary Fund. |
| \$ 7,500.00 | Benua Foundation, Columbus, Ohio--\$5,000.00 for Research in Cardiovascular Surgery Fund and \$2,500.00 for Friends of WOSU. |
| \$ 7,000.00 | Chicago Corporation, Chicago, Illinois, for Chicago Corporation Fund. |

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts of \$5,000 or More (contd)

- \$ 7,000.00 Eli Lilly & Company, Indianapolis, Indiana, for Eli Lilly and Company Organic Chemistry Research Fund.
- \$ 7,000.00 FMC Corporation, Chicago, Illinois--\$5,000.00 for College of Engineering Special Fund and \$2,000.00 for Pharmaceutical/Research Education Fund.
- \$ 7,000.00 The Upjohn Company, Kalamazoo, Michigan, for Lipid Research.
- \$ 6,000.00 ARO Corporation, Bryan, Ohio, for Fluid Power Fund.
- \$ 6,000.00 Distillers Feed Resource Council, Cincinnati, Ohio, for Horticulture Processing Fund.
- \$ 6,000.00 Glass Packaging Institute, Washington, D. C., for Engineering Mechanics Chairman's Discretionary Fund.
- \$ 6,000.00 Edgar W. Ingram Foundation, Columbus, Ohio--\$4,000.00 for Student Athlete Grant-in-Aid Fund and \$2,000.00 for Friends of WOSU.
- \$ 6,000.00 Reynolds Industries, Inc., Winston-Salem, NC--\$5,000.00 for Furtherance of Extension Work with Tobacco and \$1,000.00 for Department of Preventive Medicine Fund.
- \$ 5,625.00 American Lung Association of Central Ohio, Columbus, Ohio, for Pulmonary General Fund.
- \$ 5,000.00 Cleveland Electric Illuminating, Cleveland, Ohio, for Ohio Electric Utility Institute Fellowship Fund.
- \$ 5,000.00 Ohio Farm Bureau, Columbus, Ohio--\$2,500.00 for Roy M. Kottman Scholarship Fund and \$2,500.00 for Cooperative Business Fund.
- \$ 5,000.00 Peat Marwick Mitchell, New York, New York, for Peat, Marwick, Mitchell Discretionary Fund.

Gifts-in-Kind

- \$ 90,250.00 Philip Sills, Bronx, New York, A Collection of Illuminated Bible Leaves.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Gifts-in-Kind (contd)

\$ 32,625.00	Geri Greenberg, Elk Grove, Illinois, A Collection of Bible Leaves.
\$ 32,625.00	Michael Greenberg, Elk Grove, Illinois, A Collection of Bible Leaves.
\$ 32,000.00	Kaiser Aluminum and Chemical, Oakland, California, ASTM C-201 Thermo. Conductivity Tester.
\$ 13,100.00	Oleg Cassini, New York, New York, Clothes.
\$ 11,250.00	Jack Strader, Columbus, Ohio, Steinway Baby Grand Piano.
\$ 6,800.00	Frank Winder, New Haven, Connecticut, 595 Alinari Photographs.
\$ 5,750.00	Charles Hoff, Massillon, Ohio, Seventeen French Bible Manuscript Leaves, 13th Century.
\$ 5,750.00	Mrs. Hoff, Massillon, Ohio, Seventeen French Bible Manuscript Leaves, 13th Century.

Establishment of Named Funds

The Irma Cooper Vocal Scholarship Fund

The Irma Cooper Vocal Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Professor Irma Cooper (Emeritus), of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be awarded on a merit basis to one or more talented singers who either are or will become voice majors in the School of Music. Both undergraduate and graduate students are eligible to receive the scholarships. Recipients will be determined by the established procedures within the School of Music, with approval by the Director of the School of Music in consultation with the appropriate voice faculty. The Director will also approve requisitions for payment.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for music education, with an emphasis in the performing aspects of music.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Elderkin Scholarship Fund

The Elderkin Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from Roland D. Elderkin, B.A., 1934.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual interest of the fund is to be used to provide one or more scholarships to deserving University students who exhibit both financial need and academic promise. Selection of the recipient(s) is to be made by the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for student financial aid.

Glenn A. Fry Professorship Endowment Fund

The Glenn A. Fry Professorship Endowment Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the College of Optometry in honor of Dr. Glenn A. Fry, Professor Emeritus, 1979.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

Interest from this endowment is to accumulate and be added to gifts received from alumni and friends until such time as the endowment reaches the minimum level to support a professorship in physiological optics within the College of Optometry. Nominees for appointment to this professorship are to be made by the Dean of the College of Optometry.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for optometric education.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine

The Pamela L. Blakeslee Memorial Scholarship Fund in Veterinary Medicine was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Jean K. Blakeslee Family of Bordentown, New Jersey; from students, friends, and alumni of the Colleges of Veterinary Medicine and Agriculture and Home Economics; and from the Sigma Alpha Professional Agricultural Sorority.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for Veterinary Medicine college students who are graduates of The Ohio State University and have demonstrated academic ability and the need for financial assistance. The selection of the recipients is to be made by the College Scholarship Committee, with first preference to students who have financial need and who have been pre-veterinary Animal Science majors in the College of Agriculture and Home Economics of The Ohio State University. The selection will be approved by the Dean of the College of Veterinary Medicine.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for veterinary medical education.

The Harold E. Kaeser Endowed Scholarship Fund

The Harold E. Kaeser Endowed Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from former judging team members and alumni, friends and colleagues of Harold E. Kaeser who retired in 1980 after 39 years as a Professor of Dairy Science and Coach of Dairy Science Judging Teams.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships to students enrolled in the College of Agriculture and Home Economics at The Ohio State University majoring in Dairy Science with intent to pursue a career in the dairy industry. Students selected should have above average academic ability, demonstrated leadership and a demonstrated or expressed interest in exhibiting and evaluating dairy cattle.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Harold E. Kaeser Endowed Scholarship Fund (contd)

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Chairman of the Dairy Science Department and the Dean of the College of Agriculture and Home Economics.

The Julie Ann Klein Award in Food Science and Nutrition

The Julie Ann Klein Award in Food Science and Nutrition was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University in her honor by her family.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

The annual income is to be used for an annual award to a junior student in the Department of Food Science and Nutrition. Basis for the awards will emphasize participation in extra-curricular activities as well as scholastic achievement. Selection will be made by an award committee of the Department.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the Vice President for Agriculture Administration or from the appropriate administrative official of the University who is then responsible for study related to the field of Food Science and Nutrition.

John T. Mount Leadership Fund

The John T. Mount Leadership Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts from members of the Citizens Council of The Ohio State University at Lima and friends. The fund recognizes the dedication, the friendship and the leadership provided by John T. Mount to members of the Citizens Council and to The Ohio State University at Lima.

The original gifts and all subsequent gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

John T. Mount Leadership Fund (contd)

The annual income is to be used in support of programs designed to award and encourage student leadership and faculty excellence at The Ohio State University at Lima. A portion of the income will be used annually to present an award to a student and to a faculty member who excel in leadership and excellence. The remainder of the income will be used to encourage programs that provide initiative for students and for faculty to develop in the direction exemplified by recipients of this award. All expenditures must be approved by the dean and director of the Lima Campus.

Should the need for this fund cease to exist or so diminish as to provide unused income, the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference given to the recommendations of the dean and director of the Lima Campus.

The Jane Shanely Phi Upsilon Omicron Fellowship Fund

The Jane Shanely Phi Upsilon Omicron Fellowship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Gamma Alumni Chapter of Phi Upsilon Omicron, an honor society in Home Economics, in memory of Jane Shanely, B.S., 1927, Home Economics, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more fellowships for graduate students enrolled in the School of Home Economics Graduate Program. The recipient(s) must have maintained a minimum 3.00 grade point average and must be a Phi Upsilon Omicron alumnus. The selection of the recipient(s) is to be made by the School of Home Economics Graduate Fellowship Committee in cooperation with the Phi Upsilon Omicron Alumni Scholarship Chairperson.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the appropriate administrative official of the University who is then directly responsible for home economics.

The Student Tribute to Education Professors Award

The Student Tribute to Education Professors Award was established May 5, 1983, by the Board of Trustees of The Ohio State University, with gifts to The Ohio State University

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Student Tribute to Education Professors Award (contd)

Development Fund from alumni, friends and colleagues to honor College of Education Professors.

All gifts are to be invested in the University's permanent endowment fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income from the fund is to be used to provide one or more awards for graduate students working toward a Ph.D. degree in the College of Education. The award will be used to attend professional meetings, conferences and seminars, or to travel for professional development purposes.

Award recipient(s) will be selected annually by a College of Education Awards Committee, in coordination with the Dean of the College of Education from recommendations by faculty advisors. Any income not used in a given year should be added to the principal at the direction of the Dean of the College of Education.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever within the College of Education as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Education.

Change in Name of Fund

Wendell W. Ellenwood Scholarship Fund

The Wendell W. Ellenwood Scholarship Fund was established May 5, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni of the Ohio Unions. This fund, originally established on December 10, 1981, has been renamed in honor of Wendell W. Ellenwood for his 25 years of leadership at the Ohio Unions.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for students participating in Ohio-Drake Unions activities who have demonstrated a need for financial assistance. The selection of the recipient is to be made upon the recommendation of the Director of the Ohio Unions in cooperation with the University Scholarship Committee and the Board of Governors of the Ohio-Drake Unions Activities Alumni Association.

May 5, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Change in Name of Fund (contd)

Wendell W. Ellenwood Scholarship Fund (contd)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the Ohio Unions' activities.

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President Jennings called on Vice President Jackson to present the items on the agenda pertaining to the business and finance area.

**EMPLOYMENT OF ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
McCracken Power Plant, Coal-Fired Boiler**

Resolution No. 83-131

Synopsis: Authorization to employ an engineering firm, solicit construction bids, and recommend the award of contracts for the McCracken Power Plant coal-fired boiler project is proposed.

WHEREAS the Board of Trustees, on April 1, 1983, authorized the issuance and sale of either General Receipts Bonds, Series 1983, or General Receipts Bond Anticipation Notes, Series 1983, as determined by the University, in an amount not to exceed \$18,500,000.00 to finance engineering and construction of a new coal-fired boiler at McCracken Power Plant and other related improvements; and

WHEREAS the total construction cost of this project is not to exceed \$18,500,000.00, and it is anticipated that this new boiler will save the University as much as \$150,000,000.00 in fuel costs over the next 20 years; and

WHEREAS this construction will provide for the replacement of an old coal-fired boiler with a new energy efficient coal-fired boiler, including coal storage and handling, ash handling, environmental control system for sulfur dioxide and particulate removal in accordance with current Environmental Protection Agency requirements; extension of the steam and steam condensate distribution systems to serve all facilities in the Midwest Campus, Biological Sciences Building, Drake Union, Lincoln Tower, Morrill Tower, Parks Hall and supplementary services to University Hospital facilities; upgrading of McCracken Power Plant including replacement of ungrounded 480-volt electrical system, replacement of No. 2 air compressor, and miscellaneous floor and window replacements; and the expansion of steam and condensate services and capacities in 18th Avenue and 19th Avenue:

May 5, 1983 meeting, Board of Trustees

**EMPLOYMENT OF ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
McCRACKEN POWER PLANT, COAL-FIRED BOILER (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select, in consultation with the Department of Administrative Services, Division of Public Works, a qualified engineering firm for this project to provide final design, bid documents, and construction inspection for the new coal-fired boiler, and that the fee for these engineering services be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids for this project in accordance with established procedures and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-132

Synopsis: Approval of plans and specifications for the following project is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following project:

LAW BUILDING, AIR CONDITIONING SYSTEMS IMPROVEMENTS

Project: Convert the original multizone air conditioning systems, AC-4 and 5, to an energy efficient variable volume system to correct present environmental problems caused by inadequate ventilation capacity and perform necessary associated work.

Funding: Budget Account 210134, Contract Repair

Estimated Project Cost: \$180,375.00

May 5, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the project listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for this project and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Berry, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EASEMENTS
OHIO EDISON
FARM SCIENCE REVIEW**

Resolution No. 83-133

Synopsis: Authorization to grant easements to Ohio Edison is requested.

WHEREAS Ohio Edison has requested four easements across a total of 4,672 feet of College of Agriculture land located at the Farm Science Review in Madison County, Ohio, to permit the installation of electrical transmission lines to service farm operations buildings on the property; and

WHEREAS these lines will be located so as not to interfere with any farm operations and will result in the removal of existing poles; and

WHEREAS the electrical transmission lines for which the easements are requested serve only University facilities; and

WHEREAS the appropriate University agencies have recommended that these easements be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for the easements.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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May 5, 1983 meeting, Board of Trustees

**EASEMENT - HOPCO RESOURCES, INC.
POMERENE FOREST LABORATORY, COSHOCTON COUNTY, OHIO
Resolution No. 83-134**

Synopsis: Authorization to grant an easement to Hopco Resources, Inc. is requested.

WHEREAS Hopco Resources, Inc. has requested an easement across approximately 1,450 feet of Ohio Agricultural Research and Development Center land located at the Pomerene Forest Laboratory in Coshocton County to permit them to install a 2-inch gas line; and

WHEREAS the gas line will be located so as not to interfere with any OARDC operations; and

WHEREAS Hopco Resources, Inc. will pay the University \$9.90 per lineal rod (approximately \$870.00) for this easement; and

WHEREAS the appropriate University agencies have recommended that this easement be granted:

NOW THEREFORE

BE IT RESOLVED, That the President and/or Vice President for Business and Finance be authorized to request the Deputy Director of Public Works of the Department of Administrative Services, pursuant to his statutory duties, to act for and on behalf of the University in developing the necessary legal instruments to provide for this easement.

Upon motion of Dr. Jacob, seconded by Mr. Galbreath, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EXPRESSION OF APPRECIATION TO ROBERT A. BURNHAM
Resolution No. 83-135**

WHEREAS as part of an organizational realignment to enhance certain vital functions of the University, President Edward H. Jennings established the Office of Communications and Development in the spring of 1982; and

WHEREAS President Jennings asked Dr. Robert A. Burnham to assist in the organization and development of that new function on a temporary basis, serving in the capacity of Acting Vice President for Communications and Development until a search could be conducted and a regular appointment made to that position; and

WHEREAS Bob Burnham agreed to serve in that acting position, one which demanded an enormous amount of time, energy, understanding and leadership ability, all of which qualities Dr. Burnham brought to the position; and

May 5, 1983 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO ROBERT A. BURNHAM (contd)

WHEREAS after a lengthy and thorough search process, Thomas L. Tobin has been appointed as Vice President for Communications and Development and Dr. Burnham has resumed his duties as Dean of the College of Education:

NOW THEREFORE

BE IT RESOLVED, That the gratitude and deep appreciation of this Board be expressed to Dr. Burnham for his willingness to provide leadership during the period of transition in connection with the establishment of the Office of Communications and Development, and for his tireless efforts on behalf of the University in the capacity of Acting Vice President during the last year.

Upon motion of Mr. Hilliker, seconded by Dr. Jacob, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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At the request of President Jennings, Mr. Berry convened the Student Affairs Committee.

Deb Cassidy distributed copies of the *Graduate Voice* which is the quarterly newsletter to report on the activities of graduate students.

Colleen O'Brien reviewed the past year and some of the accomplishments of the Undergraduate Student Government. Last June when assuming the presidency of the USG she had expressed her thoughts and feelings concerning what she had hoped to achieve. One of her concerns had been the lack of continuity of the workers in the student government from one year to the next. She reported that USG has a student base that is supportive of the new administration and thus will have continued organizational continuity for the coming year. Colleen introduced Todd Shaver and Lisa McGlone, the new president-elect and vice president-elect, respectively.

Todd Shaver enumerated some of the upcoming projects which USG has planned. One of the highlights of the Autumn Quarter will be a motorcoach trip to Norman, Oklahoma, for the Oklahoma-Ohio State football game on September 17, 1983.

Mark Berry of Ohio Staters, Inc., outlined plans for their project entitled "Sing Ohio's Praise Week." This week is designed to increase student awareness of the academic excellence that is available to them at The Ohio State University. During the week of May 15 through 21 there will be quarter-page ads in the *Lantern* which will focus on academic accomplishments at the University; National Merit Scholars and the number of class valedictorians; top ranked colleges and departments; and individual achievements.

Ohio Staters, Inc., will hand out 5,000 book marks that will contain some kind of information about Ohio State.

Mr. John Berry proposed the following proclamation in support of "Sing Ohio's Praise Week":

May 5, 1983 meeting, Board of Trustees

PROCLAMATION - "SING OHIO'S PRAISE WEEK"

Resolution No. 83-136

WHEREAS The Ohio State University is recognized nationally and internationally for the strength of its academic programs and attracts some of the nation's top scholars; and

WHEREAS students at The Ohio State University are not always familiar with the breadth of this strength, especially in areas outside their academic majors; and

WHEREAS "Sing Ohio's Praise" is a campaign designed and sponsored by Ohio Staters, Inc., a student-faculty service organization, to promote and encourage greater awareness of academic excellence at The Ohio State University:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees of The Ohio State University hereby proclaims the week of May 15 through 21, 1983, as "Sing Ohio's Praise Week" at The Ohio State University.

Upon motion of Mr. Berry, seconded by Mrs. Bowser, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Mr. John Berry presented the following resolution:

**RESOLUTION OF APPRECIATION FOR THE PARTICIPATION OF THE
1982-83 STUDENT GOVERNMENT LEADERSHIP**

Resolution No. 83-137

WHEREAS the terms of office of the 1982-83 elected student officers are nearing completion; and

WHEREAS during the 1982-83 year this Board has received from leaders of the student governments numerous reports on projects, activities, interests and concerns; and

WHEREAS the Board recognizes that the student leaders this year have taken time from busy schedules and conflicting demands in order to bring to the attention of this Board matters and concerns of special interest to students; and

WHEREAS the participation of elected officers and other representatives of student groups in the deliberations of this Board has enhanced communication and understanding between the Board and the students as well as other constituencies:

May 5, 1983 meeting, Board of Trustees

**RESOLUTION OF APPRECIATION FOR THE PARTICIPATION OF THE
1982-83 STUDENT GOVERNMENT LEADERSHIP (contd)**

NOW THEREFORE

BE IT RESOLVED, That the Trustees of The Ohio State University express to the presidents of the Undergraduate Student Government, the Council of Graduate Students and the Graduate-Professional Council their gratitude and appreciation for the contributions of those individuals and their colleagues during this year, and wish them every success and happiness in the pursuit of their interests and objectives in the years ahead.

Upon motion of Mr. Berry, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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President Jennings called on Dr. Haenicke to make an announcement.

APPOINTMENT OF DR. FRANCILLE FIREBAUGH AS ASSOCIATE PROVOST

Dr. Haenicke made the following statement:

I'm very pleased to inform the members of the Board that at the June meeting we will bring a request for approval that Dr. Francille Firebaugh be appointed Associate Provost, effective June 1. As you all know, Professor Firebaugh earned her Ph.D. at Cornell University, holds the rank of full professor in the School of Home Economics, served in a very distinguished fashion for many years as Director of that school, and most recently served the University as Acting Vice President for Agricultural Administration and Executive Dean of the College of Agriculture, including the School of Natural Resources and Home Economics. Francille and I have worked extremely well together during the last several months during the transition period. I have received, through her, an enormously interesting introduction into the problems that concern the agricultural sector of our school. I have admired during the last month that we have worked together, her commonsensical approach to administrative problems, her sensitivity to academic affairs, to faculty and student concerns, her good judgment in all these matters, and her high administrative talent. I am looking very much forward to her joining my office and I am sure that I'll be greatly assisted by that move and that the University is going to be extremely well served by this appointment, if the Board will approve it.

President Jennings stated further:

Thank you, Diether. I'd just like to--I think that is one of the fine appointments--we often talk about the appointments we make, but I think it is very clear with the work done this past year in the College of Agriculture that Francille has shown all of us, and I think the community at large, that she is truly one of the nation's

May 5, 1983 meeting, Board of Trustees

APPOINTMENT OF DR. FRANCILLE FIREBAUGH AS ASSOCIATE PROVOST (contd)

President Jennings (contd):

fine educational leaders in this country and we are delighted she is going to continue on in the leadership post and will be very beneficial to Ohio State and may make a farmer out of Diether and I yet.

Mr. Galbreath: She is good, but I don't know about that.

Dr. Haenicke:

She would be the third person in Agriculture in the Provost's office at that time. So we are surrounded by "aggies" up there.

Mrs. Bowser: I'm very happy about that.

President Jennings: We won't be able to defend ourselves.

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President Jennings called on Vice President Mount to make a presentation on the Regional Campuses.

REPORT - REGIONAL CAMPUSES

Vice President Mount reported that those involved with Regional Campuses are especially mindful of twenty-five years of service where the educational services of The Ohio State University have been attended through the offering of courses in the Lima, Mansfield, Marion, and Newark communities, a region that conservatively covers twenty-three counties. Since that time some 75,000 persons have earned credit through those facilities. The North Central Association Accreditation Team visited the Regional Campuses during the past year. They have formally notified the University that the Regional Campuses of Lima, Mansfield, Marion, and Newark have been accredited to be continued with the offering of lower division courses including the degree of associate of arts and a baccalaureate program in early and middle childhood education.

Dr. David Kramer, Dean/Director of the Mansfield Regional Campus, brought with him a brick which was made by John B. Conard, the grandson of John A. Conard, Sr., who made the bricks for the original University Hall. "This brick reminds us of our tie to the very origins of The Ohio State University and symbolizes those founders and loyal supporters on whose shoulders we stand," said Dr. Kramer. The primary mission of the Regional Campuses is to offer degree programs, but each of the Regional Campuses serve their communities in ways that go far beyond the traditional role. Dr. Kramer described a few of the community projects that the Mansfield Campus faculty work on each year. The entire campus has been made available to the community for a wide variety of meetings, banquets, fund-raising events and other activities which bring more than 10,000 people to the campus each year.

May 5, 1983 meeting, Board of Trustees

REPORT - REGIONAL CAMPUSES (contd)

Dr. Charles Bird, Associate Professor in the Department of Psychology, reported that the Mansfield Regional Campus has a faculty that is truly excellent in every sense of the word. Despite limited facilities, higher than normal teaching loads for OSU, and the lack of graduate students or advanced undergraduates, a high level of scholarly productivity is achieved. There will be two full professors and twelve associate professors on the Mansfield Campus next year. Dr. Bird expressed the view that there must be few places in the country where freshmen and sophomores receive instruction and guidance from such well established scholars in an atmosphere that encourages personal contact.

Vickie Lynn Echelberry, a senior in Early and Middle Childhood Education, was recognized at the President's Recognition Dinner as one of the top 400 seniors of The Ohio State University. She expressed her appreciation at having a Regional Campus with such fine facilities and an excellent faculty to guide the students in their studies. Mrs. Echelberry said there were many caring professors who don't try to tell their students what to think, but instead try to help them learn how to think.

James Miller, a junior student, represented the students who plan to go two years on the Regional Campus and transfer to the Columbus Campus. He transferred to the Columbus Campus as of Autumn Quarter, 1982. He feels that he has had the "best of both worlds" having had the experience of being on a small campus for two years then coming to the Columbus Campus. At Mansfield he indicated he found faculty, administration, and staff interested not only in a student's education, but also in helping students make the adjustment from high school to college.

Mrs. Jean Smith, speaking on behalf of the Citizens Council, thanked the Board of Trustees and the University administration for the recognition and support they had given to all the regional campuses--and especially the Mansfield Campus. She enumerated some of the activities that the Citizens Council had been involved in, in attempting to meet the needs of the constituent groups of the Mansfield Regional Campus. The National Commission's Education report has precipitated some stirring dialogue and grave concern among citizens and educators in the local community. Mrs. Smith pointed out that Ohio State must do what it can to encourage improvement in the local schools.

President Jennings then commented:

John, thank you and thank you all. I think there is a couple of things that bear emphasis which are somewhat subtle in the educational world. We were very pleased with the North Central report for full accreditation to the Regional Campuses. More subtly, what John pointed out, that the next North Central evaluation should incorporate the Regional Campuses, as well as the Columbus Campus, it's a very, very unusual statement to the quality of the Regional Campuses. The typical and indeed most usual accreditation process from North Central--four regional campuses is a separate accreditation for the Regional Campuses. The North Central statement that the Regional Campuses should be part of the entire accreditation process is coming from their belief that the educational process, the educational quality at the Regional Campuses is no different, is not significantly different than the Columbus Campus. And it really represents a maturing of the Regional

May 5, 1983 meeting, Board of Trustees

REPORT - REGIONAL CAMPUSES (contd)

President Jennings (contd):

Campuses where an outside agency has said that our concept of one campus is really the case. I don't know of another regional campus system in the country that has now fully been incorporated by North Central which is the overall accrediting body for most of the United States where those regional campuses have had that large a compliment (and believe me it is a large compliment) to be incorporated with the main campus associated with it. And I think that bears emphasis too, that it's just not Dr. Kramer who is saying that the Mansfield, Lima, Newark, and the Marion Campuses are outstanding, it is a national organization that is saying that they are outstanding, as well.

I think secondly, it does bear repeating, and I am very pleased that the House Finance Committee looks as though they will recommend an increase in the Governor's recommendation of \$65 million. I should point out that that recommendation, while we appreciate their help, continues to fall far short of the needs of higher education in this state. We will be able to make progress on that, but our tuition as a percentage of the cost of education will continue to remain above 40 per cent--with the national norm is one-third--our tuition will remain high with that kind of recommendation. We are hopeful that the Senate in its wisdom will also be responsive to these needs and suggest a further increase beyond the House's recommendation.

Finally, I think--and Jean you reported to the National Report--I think it is also worth noting that despite budget problems--and *Time* magazine pointed out that Ohio (while *Time* magazine said the State of Ohio, I think what they meant was Ohio State) had already adopted many of the recommendations that were in that report and essentially Ohio State and the State of Ohio are at least two years ahead of the rest of the nation in addressing some of the problems--in not only higher education, but primary and secondary education. But, we thank you folks very much and I can assure you that nobody on this Board thinks you are an "old" student. And we appreciate your time and look forward to having lunch with you. Thank you for your report and thank you, John.

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APPRECIATION TO WARREN J SMITH

President Jennings made the following statement:

We have one more item before we adjourn, Mr. Chairman. The May meeting is in some ways always a sad event and we at The Ohio State University would like to express our great appreciation in our small way of what Mr. Warren Smith has done for The Ohio State University in these past nine years. I certainly appreciated all your help during the last two years, Warren, and it's a small token of our appreciation and we appreciate that very much at your last meeting.

May 5, 1983 meeting, Board of Trustees

APPRECIATION TO WARREN J SMITH (contd)

President Jennings presented Mr. Smith with a gavel in recognition of outstanding service as a member and chairman of this Board:

WARREN J SMITH

in appreciation of his service

to the Board of Trustees of

The Ohio State University

Member 1975-1983

Chairman 1982-1983

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REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-138

RESOLVED, That the report on the University's Investment Portfolio, dated April 15, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

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Thereupon the Board adjourned to meet Thursday, June 9, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

Warren J Smith
Chairman

APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 10, 1983

Page 558 is blank

Commencement Speaker



George Bush

Vice President of the United States

The Ohio State University, in this its 284th Commencement ceremony, is deeply honored by the presence of the Vice President of the United States, George Bush. The University is pleased to bestow upon Vice President Bush its highest honor, the degree Doctor of Humane Letters, honoris causa.

Edward H. Jennings
President

Recipients of Honors

Benjamin S. Bloom

Doctor of Humane Letters

An internationally recognized leader in education, Benjamin Bloom has greatly affected modern educational reform. Since he received his doctorate from the University of Chicago in 1944, he has been studying, evaluating, and challenging how children are educated. Dr. Bloom is the author of *Taxonomy of Educational Objectives*, a seminal work in his field. In all, he has written 16 books and is a contributing author to 17 others. He has published many articles on education and served as an editorial consultant to leading professional journals in education.

Dr. Bloom is one of the founding members of the International Association for the Evaluation of Educational Achievement and a fellow of the American Psychological Association. He is also a member and former president of the American Educational Research Association. A teacher for more than 40 years, he is now the Distinguished Service Professor of Education at the University of Chicago.

The University is proud to recognize Dr. Bloom for his many contributions to education and for fostering the development of America's most precious resource—our children.

George Bush

Doctor of Humane Letters

Vice President Bush's service to his country dates back to World War II. Upon graduating from Phillips Academy in 1942, he immediately enlisted in the U.S. Navy at 18, becoming the youngest commissioned pilot in the Navy at that time. After the war, he entered Yale University, where he majored in economics, and in 1948, he was graduated Phi Beta Kappa.

In 1966 he was elected to the U.S. House of Representatives. As a congressman he worked on legislation dealing with problems of excessive government spending and inflation, national defense, civil rights, quality education, natural resources, and the environment. From 1971 to 1973, he was the United States Ambassador to the United Nations and in 1974 became the chief of the U.S. Liaison Office in the People's Republic of China. He was then appointed director of the Central Intelligence Agency.

He was nominated by his party for the vice presidency in July of 1980. Mr. Bush was then elected vice president designate of the United States in November and sworn into office as the 43rd vice president of the United States in January of 1981.

In bestowing this honor, the University seeks to recognize Vice President Bush for his many years of dedicated public service and is honored to have him address the graduates of its 284th Commencement.

Vincent T. DeVita Jr.

Doctor of Science

A tireless researcher, Dr. Vincent DeVita is widely known for his work in developing the curative drug therapy for Hodgkin's disease. He and his colleagues at the National Institutes of Health developed a four-drug combination that increased the cure rate for patients with advanced Hodgkin's disease from nearly zero to 50 percent. In 1972, he received the Albert and Mary Lasker Medical Research Award for his work on Hodgkin's disease. He also played a major role in developing curative combination chemotherapy treatment for a common non-Hodgkin's lymphoma as well as similar treatments for cancers of the ovary and breast.

A prolific writer, Dr. DeVita is the author or coauthor of more than 300 scientific papers and the coauthor of a major textbook in cancer medicine—*Cancer Principles and Practice of Oncology*. He also serves on the editorial boards of numerous scientific journals.

A recipient of many honors and awards, Dr. DeVita received the Griffuel Prize; the Superior Service Award of the Department of Health, Education, and Welfare; the Alumni Medallion of the College of William and Mary; and the Langer Award. He received his bachelor's degree in 1957 from the College of William and Mary and in 1961 was graduated with distinction from the George Washington University College of Medicine, where he later served as a professor of medicine. Dr. DeVita joined the National Cancer Institute in 1963 and has served as its director since July of 1980.

The University is proud to honor this great researcher, teacher, and healer by bestowing upon him the degree of Doctor of Science, honoris causa.

Frank Press

Doctor of Science

Dr. Press is recognized internationally for his pioneering contributions in geophysics, oceanography, lunar and planetary sciences, and natural resource exploration. His primary scientific activities, however, have been in seismology and the study of the earth's deep interior. He has also led research efforts on earthquake prediction in the United States as well as efforts to foster international cooperation with Japan, the Soviet Union, and the People's Republic of China.

Dr. Press has a long career of public service, holding positions in the Kennedy, Nixon, Ford, and Carter administrations. He also participated in the bilateral science agreement negotiations with the Soviet Union and was a member of the U.S. delegation to the nuclear test ban negotiations in Geneva and Moscow.

He received his undergraduate degree in physics from the City College of New York and advanced degrees in geophysics from Columbia University in 1946 and 1949, when he joined the Columbia faculty. He also held positions at the California Institute of Technology and the Massachusetts Institute of Technology, where he was appointed Institute Professor in 1981. In that same year he was elected the 19th president of the National Academy of Sciences.

For his ongoing efforts to foster international cooperation, for his distinguished public service, and for encouraging basic research in the sciences—the University today honors Dr. Press by awarding him the degree of Doctor of Science.

The Graduate School

Dean: Jules B. LaPidus

Doctor of Philosophy

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- William Thomas Hinga, Jr., Fort Wayne, Ind.; B.A. (University of Notre Dame); *Business Administration*
- Joyce Drake Hinton, Columbus; B.S.B.A.; *Business Administration*
- Marianne Zeek Hite, Martins Ferry; B.S.; *Business Administration*
- Robert Joseph Howard, Columbus; B.A. (Albion College); *Business Administration*
- Dawyi Hsu, Taiwan, R.O.C.; B.Comm. (National Cheng-Chi University); *Business Administration*
- David Scott Hunt, Cuyahoga Falls; B.B.A. (Ohio University); *Business Administration*
- Juanita Beatrice Johnson, Baton Rouge, La.; B.A. (Dillard University); *Business Administration*
- William Alan Kays, Columbus; B.S. (University of Illinois); *Business Administration*
- Holly S. Keller, Columbus; B.S.; *Business Administration*
- Mary Ellen Kelly, Coraopolis, Pa.; B.A. (Chatham College); *Business Administration*
- Robert Nathan Kent, Jr., Granville; B.A. (College of Wooster); *Business Administration*
- Cevdet Gerald Koksai, Chagrin Falls; B.S., M.S.; *Business Administration*
- Leslie A. Koth, Green Springs; B.S. (Cleveland State University); *Business Administration*
- Thomas Fulton Landholt, Columbus; B.I.E. (General Motors Institute); *Business Administration*
- Charles Thompson Lawrence, Quinnesec, Mich.; B.A. (University of Michigan); *Business Administration*
- Harry Joseph Levins, Columbus; B.S. (University of Dayton); *Business Administration*
- Robert Eugene Lipetz, Columbus; B.A.; *Business Administration*
- John Andrew Little, Woodville; B.S., Ph.D.; *Business Administration*
- Frank R. Lowery, Jr., Columbus; B.A. (Miami University); *Business Administration*
- Alan Scott Lurty, Willowick; B.Mus. (Kent State University); *Business Administration*
- Joseph P. Mandl, Milwaukee, Wis.; B.S. (St. Norbert College); M.S. (University of Wisconsin at Milwaukee); *Business Administration*
- Alvin H. Mayo, Jr., Columbus; B.S. (Duke University); *Business Administration*
- Edward Donald McCallum III, Columbus; A.B. (Miami University); *Business Administration*
- William Clarence McFarland III, Loyall, Ky.; B.S. (University of South Carolina); *Business Administration*
- James Robert McGuinness, Jr., Aurora; B.A. (Georgetown University); *Business Administration*
- William Alfred Miko, Cleveland; B.A. (Miami University); *Business Administration*
- John Edward Miller, Worthington; B.S. (Franklin University); *Business Administration*
- William Bascom Moore, Ironton; B.S.; *Business Administration*
- Lisa Jane Morrison, Bedford; B.S. (Bowling Green State University); *Business Administration*
- Richard E-Paul Morrison, Jr., Philadelphia, Pa.; B.S. (Temple University); *Business Administration*
- Ronald Musilli, Buffalo, N. Y.; B.A.; *Business Administration*
- Michael Laren Myrvold, Indianapolis, Ind.; B.S. (Indiana University); *Business Administration*
- Timothy Jerome Neyer, St. Louis, Mo.; B.S.B.A. (University of Missouri at St. Louis); *Business Administration*
- Blaine Harold Norris, Columbus; B.S.; *Business Administration*
- Peter Hendrik Oakes, Columbus; B.S. (Miami University); *Business Administration*
- Thomas Franklin Olin, Jr., Columbus; B.A. (Wittenberg University); *Business Administration*
- Donald Lee Paisley, Westerville; B.A. (Western Illinois University); M.A. (University of Michigan); *Business Administration*
- Frances Ann Pandolfo, Columbus; B.S.; *Business Administration*
- Elaine Diane Parras, Fairview Park; B.A. (The College of Wooster); *Business Administration*
- James L. Perotti, Athens; B.A. (St. Meinrad College); Ph.D. (Duquesne University); *Business Administration*
- Ellen Pogos, Columbus; B.A.; *Business Administration*
- Glenn Alan Pusey, Russells Point; B.S. (Miami University); *Business Administration*
- Darryl John Raimor, Cleveland; B.S. (University of Dayton); *Business Administration*
- Susan Elizabeth Ramser, Danville; B.S.; *Business Administration*
- Steven Philip Regoli, Columbus; B.S.; *Business Administration*
- Arthur Frederick Reine, Jericho, N. Y.; B.S. (University of Maryland); *Business Administration*
- Norman William Ritchie, Philadelphia, Pa.; B.A. (Pennsylvania State University); *Business Administration*
- Dane Bevin Roberts, Westerville; B.S. (Miami University); *Business Administration*
- Robert Joseph Rustie, Findlay; B.S. (Ohio University); *Business Administration*
- Narinder Kumar Saini, Worthington; B.S.E.E. (Punjab University); M.S. (West Virginia University); *Business Administration*
- Waymond Sanders, Jr., Baconton, Ga.; B.A. (Morris Brown College); *Business Administration*
- Jerome Clarkson Sayre, Jr., Worthington; B.S.; *Business Administration*

Henry L. Schulte, Jr., Columbus; B.S. (University of Arizona); M.S.; *Business Administration*

James Eric Simler, Northfield; B.A. (Bowling Green State University); *Business Administration*

Constance Louise Simmons, Mansfield; B.A., M.P.A.; *Business Administration*

Susan Snyder Smith, Springfield; B.A. (Bowling Green State University); *Business Administration*

Susan Beth Spector, West Nyack, N. Y.; B.S. (Towson State University); *Business Administration*

Fredric Charles Spurck, Tiffin; B.S.; *Business Administration*

Melissa Anne Sternweiler, Cincinnati; B.S.; *Business Administration*

Roberta L. Stewart, Columbus; B.S.; *Business Administration*

Elizabeth Ann Sutherland, Berea; B.A.; *Business Administration*

Soo Lim Tan, Malacca, Malaysia; B.S. (Elmira College); *Business Administration*

Ronald D. Taulton, Enon; B.S. (Wright State University); *Business Administration*

Jeffrey Clark Timmons, Columbus; B.S.B.A. (Otterbein College); *Business Administration*

Stephen Bertram Tornes, Columbus; B.S.; *Business Administration*

Nancy Elizabeth Urbach, Columbiana; B.A., B.S.; *Business Administration*

Raymond Alan Voelz, Bellevue, Neb.; B.S. (University of Nebraska—Lincoln); *Business Administration*

Richard Donald Watman, Columbus; B.S.; *Business Administration*

Diane Corcoran Whittaker, Columbus; B.S.; *Business Administration*

Stuart Allyn Whittaker, Columbus; B.S. (Cornell University); *Business Administration*

Leigh-Ann Williams, Canton; B.S. (Miami University); *Business Administration*

Richard L. Wohl, Columbus; B.A. (State University of New York at Binghamton); M.F.A. (University of North Carolina at Greensboro); *Business Administration*

Marlene A. Woo-Lun, Columbus; M.S.; *Business Administration*

Margaret Anne Wuorinen, Bexley; B.A.; *Business Administration*

Thomas Patrick Yuenger, Piqua; B.S.; *Business Administration*

David Alan Zimmer, Columbus; B.S.; *Business Administration*

Master of City and Regional Planning

Timothy Michael Boland, Cleveland; B.S. (Miami University); *City and Regional Planning*

Maria A. Süniga Cadavid, Gahanna; B.S. (Universidad Laica Vicente Rocafrerte); *City and Regional Planning*

William Joseph Graves, Versailles; B.A.; *City and Regional Planning*

Jeffrey Grey Jackman, Columbus; B.S. (Brigham Young University); *City and Regional Planning*

Gwineth S. Kaminsky, Youngstown; B.S. (Muhlenberg College); *City and Regional Planning*

Martin Dale Kohler, Middletown; B.S. (Miami University); *City and Regional Planning*

Marcy Gerrard Kotting, Mayfield Heights; B.A.; *City and Regional Planning*

Hossein Habibpour Mamaghani, Tehran, Iran; B.S. (Oklahoma University); *City and Regional Planning*

Marcus John Molea, Athens; B.B.A. (Ohio University); *City and Regional Planning*

Praphon Prasertchaikul, Bangkok, Thailand; B.Arch. (Chulalongkorn University); *City and Regional Planning*

Judy Lynn Stewart, Fairlawn; B.A. (Miami University); *City and Regional Planning*

Joseph Allen Story, Paducah, Ky.; B.S. (University of Evansville); *City and Regional Planning*

Debra Sue Wolfe, Georgetown; B.A. (Case Western Reserve University); *City and Regional Planning*

Master of Fine Arts

Richard Alan Ernst, Enterprise, Kans.; B.F.A. (Emporia State University); *Art*

Edward John Hallahan, Youngstown; B.F.A. (Youngstown State University); *Art*

John Stephen Kuhn, St. Joseph, Mo.; B.F.A. (Southwest Missouri State University); *Theatre*

Robert Thomas LaFerriere, Cherry Hill, N. J.; B.A. (Rutgers University); *Art*

Richard William McCracken, St. Louis, Mo.; B.F.A. (Southern Illinois University at Edwardsville); *Art*

Theodore James Murphy, Painesville; B.A. (Mt. Vernon Nazarene College); *Art*

Susan J. Reynolds, Vestal, N. Y.; B.F.A. (University of Cincinnati); B.A. (State University of New York at Albany); *Art*

Claudia Jacqueline Turner, Cleveland; B.F.A.; *Art*

Master of Health Administration

David Brant Appel, Rocky River; B.A. (College of Wooster); *Hospital and Health Services Administration*

Gerard Anthony Baker, Huron; B.B.A. (University of Notre Dame); *Hospital and Health Services Administration*

Dennis Anthony Christen, Lima; B.A. (University of Chicago); *Hospital and Health Services Administration*

Stacey Todd Cyphert, Worthington; B.S.B.A.; *Hospital and Health Services Administration*

J. Michael Enos, Utica, N. Y.; B.S. (Utica College of Syracuse University); *Hospital and Health Services Administration*

Michael John Falatko, West Pittsburgh, Pa.; B.A. (Youngstown State University); *Hospital and Health Services Administration*

Karen Frisina, Pittsford, N. Y.; B.S. (Centre College of Kentucky); *Hospital and Health Services Administration*

Nancy Ann Giunto, Toledo; B.S.; *Hospital and Health Services Administration*

Lisa June Hendricks, Seio; B.S.; *Hospital and Health Services Administration*

Steven Edson Hoover, Wanbagh, N. Y.; B.A. (Houghton College); *Hospital and Health Services Administration*

Thomas Michael Kirker, Zanesville; B.S. (Mount Union College); *Hospital and Health Services Administration*

Nicholas J. Lambrou, Canton; B.S.; *Hospital and Health Services Administration*

Lorin C. MacKay, Bountiful, Utah; B.S. (Weber State College); *Hospital and Health Services Administration*

Mary Diane Mahoney, Columbus; B.S.; *Hospital and Health Services Administration*

Evelyn Carol Peterson, Pittsburgh, Pa.; B.S. (University of Pittsburgh); *Hospital and Health Services Administration*

Dorcas Ann Spencer, Sitka, Alaska; B.A. (Northwest Nazarene College); *Hospital and Health Services Administration*

Kevin Mark Sullivan, Columbus; B.A. (Franklin University); *Hospital and Health Services Administration*

Irene Ann Timko, Hubbard; B.A.; *Hospital and Health Services Administration*

Tony Torres, Fort Worth, Tex.; B.S. (St. Louis University); M.A. (Central Michigan University); *Hospital and Health Services Administration*

Master of Labor and Human Resources

Lesta A. Chandler, Columbus; B.A.; *Labor and Human Resources*

Paul Stanley Coz, Ravenna; B.S.; *Labor and Human Resources*

Andris Eric Inveiss, Waukesha, Wis.; B.A.; *Labor and Human Resources*

Rita Faye Johnson, Hayti, Mo.; B.S. (Lincoln University); *Labor and Human Resources*

Michael Casey Murray, Cincinnati; B.A. (Xavier University); *Labor and Human Resources*

Laura Renee Shoup, Rittman; B.A.; *Labor and Human Resources*

Sandra J. Wilkins, Columbus; B.F.A. (Bowling Green State University); *Labor and Human Resources*

Linda Marie Zimmerman, Groveport; B.A. (Kent State University); *Labor and Human Resources*

Master of Landscape Architecture

Timothy Paul Johnson, Columbus; B.S.L.A. (West Virginia University); *Landscape Architecture*

Master of Music

Calvin Alonzo Bolton, Union, S.C.; B.A. (Limestone College); *Music*

Borden Anthonia Brown, Ashtabula; B.M., M.A.; *Music*

David Michael Johnson, Cut Bank, Mont.; B.S. (Montana State University); *Music*

Diane Danielle Johnson, Clyde; B.M.; *Music*

Soon Won Kim, Columbus; B.M.D. (Seoul National University); *Music*

Mark Alan Rush, Columbus; B.A., B.M.; *Music*

Marilyn M. Shipman, Worthington; B.S., M.Ed. (Kent State University); *Music*

Angela Ching-Chi Tam, Hong Kong; B.A. (Chinese University of Hong Kong); *Music*

Master of Public Administration

Melinda Lou Au, Mansfield; A.B. (Miami University); *Public Administration*

Bruce Edward Butts, Enon; B.S. (Wright State University); *Public Administration*

Steven Max Carter, Ashtabula; B.S.; *Public Administration*

Mardy Robert Chaplin, Dayton; B.A. (Malone College); *Public Administration*

Carol Sue Cyrus, South Point; B.S.S.W.; *Public Administration*

Jeffrey Keene Darrah, Lyndhurst; B.A. (Hiram College); *Public Administration*

Kevin Thomas Fenlon, Columbus; B.A. (University of Dayton); *Public Administration*

Margaret Lynn Foley, Cincinnati; B.S. (University of Cincinnati); *Public Administration*

Rita Faye Johnson, Hayti, Mo.; B.S. (Lincoln University); *Public Administration*

Judith Ann Jones, Dublin; B.A., M.A. (Bowling Green State University); *Public Administration*

Susan Lois Laufer, Cleveland; B.A.; *Public Administration*

Diane Luteran, Garfield Heights; B.A.; *Public Administration*

John Luteran, Garfield Heights; B.A. (Ohio Wesleyan University); *Public Administration*

Sheila Elaine Milligan, Delaware; B.S.; *Public Administration*

Randy Leon Mitchell, Jefferson City, Mo.; B.S. (Lincoln University); *Public Administration*

Thomas Davis Moore, Huron; B.A. (Ohio Wesleyan University); *Public Administration*

Mita Mukherjee, Calcutta, India; B.A. (Calcutta University); *Public Administration*

Gregory N. Myers, Springfield; B.A. (Miami University); *Public Administration*

Mary Kay Ruwette, Columbus; B.A. (Ohio Wesleyan University); *Public Administration*

SueAnn Bridget Schwab, Pittsburgh, Pa.; B.A. (John Carroll University); *Public Administration*

Laura Renee Shoup, Rittman; B.A.; *Public Administration*

Nelson Theodore Smith, Springfield; B.A. (Wittenberg University); *Public Administration*

Paul William Suddes, Youngstown; B.S. (Youngstown State University); *Public Administration*

Anne Lynn Taylor, State College, Pa.; B.S. (Pennsylvania State University); *Public Administration*

Brenda Louise Emanuel Thomas, Columbus; B.S. (University of Cincinnati); *Public Administration*

Richard Walter Triebe, Des Plaines, Ill.; B.S. (Illinois State University); *Public Administration*

Master of Science

Beverly Leanora Anderson, Amityville, N. Y.; B.S. (Coppin State College); *Nursing*

Marcia Lee Andrus, South Charleston; B.S.; *Agricultural Education*

Dana Mark Archual, Akron; B.S. (University of Toledo); *Pharmacy*

Brian Scott Armitage, Columbus; B.S., O.D.; *Physiological Optics*

Cynthia Jayne Atman, Columbus; B.S. (West Virginia University); *Industrial and Systems Engineering*

Bruce Barton Bailey II, Worthington; B.S. (United States Military Academy); *Geodetic Science and Surveying*

Keith Alan Bailey, Middletown; B.S.; *Electrical Engineering*

Robert L. Baker, Columbus; B.S. (Ball State University); M.D. (Indiana University); *Medical Microbiology and Immunology*

Dilli Ram Baral, Jhapa, Meechi Zone, Nepal; B.S. (Punjab Agriculture University); *Horticulture*

Beverly Jean Bernados, Endicott, N. Y.; B.A. (State University of New York at Potsdam); *Mathematics*

Melinda Kay Berry, Columbus; B.S.; *Preventive Medicine*

Thomas Edward Bihari, New Philadelphia; B.S. (Kent State University); M.S.; *Computer and Information Science*

George Thomas Black, Columbus; B.S. (University of Cincinnati); *Aeronautical and Astronautical Engineering*

Neil Lawrence Blitz, Brooklyn, N. Y.; B.A. (Brooklyn College); D.M.D. (Tufts University); *Dentistry*

Humberto Jorge Bohrt, LaPaz, Bolivia; B.S. (University of Arkansas); *Industrial and Systems Engineering*

Myfanwy Jori Borel, Columbus; B.S.; *Home Economics*

Alberta June Boyle, Nashport; B.S.N. (Capital University); *Nursing*

Min-Chi Chang, Taipei, Taiwan, R.O.C.; B.S. (Taiwan Normal University); M.S. (National Central University); *Welding Engineering*

Rey-Chen Chang, Taipei, Taiwan, R.O.C.; B.S. (National Chung Hsing University); *Chemical Engineering*

Sudha Chauhan Jaunpur, U.P., India; B.S. (Benares Hindu University); M.S. (Madras University); *Pharmacology*

Ashok Kumar Chawla, Columbus; B.S.; *Pharmacy*

- Chi-Yu Chen, Tainan, Taiwan, R.O.C.; B.S. (Tunghai University); *Chemical Engineering*
- Tzuyu Chen, Taipei, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Metallurgical Engineering*
- Chen-Huan Chien, Taipei, Taiwan, R.O.C.; B.S. (Taiwan Provincial College of Marine and Oceanic Technology); *Civil Engineering*
- Karen Chisholm-Robeano, Westerville; B.S.N.; *Nursing*
- William L. Chlebowy, Buffalo, N. Y.; B.S.; *Civil Engineering*
- Jong Man Cho, Columbus; B.S. (National University, Jeonbuk, Korea); *Horticulture*
- Denis Eugene Clark, San Mateo, Calif.; B.S. (Cornell University); *Welding Engineering*
- Scotfield Dacosta Clarke, Barbados, West Indies; B.Sc. (University of The West Indies); *Electrical Engineering*
- Sandra Lee Conte, Columbus; B.S.; *Nursing*
- Brenda Lee Cousino, Toledo; B.S. (University of Toledo); *Pharmacy*
- Carl Rufus Crozier, Corpus Christi, Tex.; B.A. (Baylor University); *Botany*
- Linda Weber Daniel, Woodsfield; B.S.; *Allied Medical Professions*
- Lani Ann Davakis, Columbus; B.S. (Youngstown State University); *Physiological Chemistry*
- Margaret Gail DeJager, Granville; B.A. (Bowling Green State University); *Home Economics*
- Cleve Newton DeVault, Columbus; B.S.; *Civil Engineering*
- Brian Thomas DeWitt, Lyndhurst; B.S.; *Electrical Engineering*
- Michael Charles Deminsky, Mt. Vernon; B.S. (Ohio Northern University); *Pharmacy*
- Thomas Paul Diebold, Pittsburgh, Pa.; B.S. (Michigan Technological University); *Welding Engineering*
- Abdelhamid Djouadi, Khenchela, Algeria; Diploma (University of Oran, Algeria); *Electrical Engineering*
- Susan Rose Dombrowski, Storrs, Conn.; B.S. (University of Connecticut); *Pharmacy*
- Philippe Dubath, Geneva, Switzerland; M.F. (College of Geneva); D.D.P. (University of Geneva); *Physics*
- Jeffrey Lewis Duerk, Wadsworth; B.S. (Purdue University); *Electrical Engineering*
- Steven Henry Dzierba, Boston, Mass.; B.S. (Massachusetts College of Pharmacy); *Pharmacy*
- John Thomas Eggert, Columbus; B.S.; *Geology and Mineralogy*
- Theodosios Engelis, Athens, Greece; Surveying Eng. (University of Salonica, Greece); Certificate (National Geographic Institute, France); *Geodetic Science and Surveying*
- Nancy Ross Facklam, Worthington; B.Sc. (Cornell University); *Veterinary Pathobiology*
- Zahra Moh Fakhra, Kuwait, Kuwait; B.Sc. (New Mexico State University); *Horticulture*
- Michael Casey Farmer, Cincinnati; B.A. (Xavier University); *Agricultural Economics and Rural Sociology*
- Charles Philip Fenell, Cleveland; B.S., D.D.S.; *Dentistry*
- Harold Edward Flinn, Maquon, Ill.; B.S. (Bradley University); *Chemical Engineering*
- William John Flynn, Greenfield; B.A. (Otterbein College); *Physiological Optics*
- John Nicholas Freskos, Chagrin Falls; B.S. (Miami University); *Chemistry*
- John Francis Gardner, Cleveland; B.S. (Cleveland State University); *Mechanical Engineering*
- Mark McClean Garner, Montclair, N. J.; B.A. (Rutgers University); *Geology and Mineralogy*
- Gregory John George, Worthington; B.S. (University of Pittsburgh); *Pharmacy*
- Mary Casper Gerstner, Milwaukee, Wis.; B.S. (University of Wisconsin at Madison); *Nursing*
- Vicki Marie Gingas, Columbus; B.S. (Michigan State University); *Horticulture*
- Frank Joseph Glandorf, Jr., Cincinnati; B.A. (University of Cincinnati); *Computer and Information Science*
- Alan Charles Guschung, Sidney; B.A. (University of Dayton); D.D.S.; *Dentistry*
- Kathleen Ann Guthell, Grove City; B.S.; *Agricultural Education*
- Gabriel Antonio Guzman, Apartado, Moca, Dominican Republic; Licenciante (Universidad Catolica Madre y Maestra); *Agricultural Economics and Rural Sociology*
- James Kwangjune Hahn, Columbus; B.S. (University of South Carolina); M.S. (University of California at Los Angeles); *Computer and Information Science*
- Iskandar Bondo Saleh Hakim, Beirut, Lebanon; B.A. (American University of Beirut); *Computer and Information Science*
- Lynne Degler Hall, Marysville; B.S.; *Home Economics*
- Rusmin Haryanto, Jakarta, Indonesia; B.S. (Michigan Technological University); *Electrical Engineering*
- Donald P. Hill, Westerville; B.S. (Michigan Technical College); *Metallurgical Engineering*
- Roger Alan Hill, Pt. Pleasant, W. Va.; B.S.E.E. (West Virginia University); *Electrical Engineering*
- Terrance Eugene Hill, Thornville; B.S. (University of Illinois); *Mechanical Engineering*
- Carol Anne Holdaway, Tonawanda, N. Y.; B.S. (University of Georgia); *Dairy Science*
- Lisa Kay Holmes, New Concord; B.S.; *Agricultural Education*
- Vicki Lynn Horton, Cincinnati; B.S., D.V.M.; *Veterinary Physiology and Pharmacology*
- George Chia-Yin Hsieh, Kowloon, Hong Kong; B.S.; *Electrical Engineering*
- Erh-Yi Hsu, Kaoshiung, Taiwan, R.O.C.; B.S. (National Tsing-Hua University); *Industrial and Systems Engineering*
- Patricia Lyn Johnson, Sycamore; B.S.; *Mathematics*
- Roderick Allen Johnson, Worthington; B.I.E. (General Motors Institute); *Industrial and Systems Engineering*
- Joanne Siciliano Jones, Burton; B.S.; *Dairy Science*
- Michael John Kaelbling, Columbus; B.S.; *Computer and Information Science*
- Claudia Gail Katze, East Longmeadow, Mass.; B.A. (Boston College); *Industrial and Systems Engineering*
- Jacqueline Zywiec Kessler, Medinah, Ill.; B.S. (University of Wisconsin); *Pharmacy*
- Young Tag Keum, Seoul, Korea; B.E. (Han-Yang University); *Engineering Mechanics*
- James Douglas Kiser, Columbus; B.S.; *Ceramic Engineering*
- Mary Lisa Koenig, Columbus; B.S. (Bowling Green State University); *Geology and Mineralogy*
- Michael Stephen Kowalczyk, Oil City, Pa.; B.S. (Youngstown State University); *Electrical Engineering*
- Robert Anthony Krivanek, Mayfield Village; B.S.; *Metallurgical Engineering*
- Joan E. Krone, Columbus; B.S. (West Liberty State); M.S.; *Computer and Information Science*
- Anthony Onochie Kwentoh, Onitsha, Anambra State, Nigeria; H.D.I.M.T. (Institute of Management & Technology, Enugu, Nigeria); *Civil Engineering*
- Elisabetta Lidia Landi, Delaware; B.S.; *Mechanical Engineering*
- Claire Anne Latimer, Dublin; B.S. (Tufts University); D.V.M. (Michigan State University); *Veterinary Clinical Sciences*

- Sukhyung Lee, Seoul, Korea; B.S. (Seoul National University); *Mechanical Engineering*
- William Jay Leeper, Covington; B.A. (University of Wisconsin); *Electrical Engineering*
- Mary Elizabeth Leinbaugh, Upper Arlington; B.A., M.A. (University of Iowa); *Computer and Information Science*
- Nancy Kay Lewis, Ft. Wayne, Ind.; B.S. (Indiana University); *Allied Medical Professions*
- Der-Ming Lieu, Columbus; B.A. (National Taiwan University); M.A.; *Computer and Information Science*
- Jamin Ling, Columbus; B.S. (National Cheng-Kung University); M.S. (State University of New York); *Welding Engineering*
- Timothy J. Lipetz, Columbus; B.S. (University of Wisconsin at Madison); *Computer and Information Science*
- David Geoffrey Lister, Columbus; B.S. (Denison University); *Computer and Information Science*
- Nien-Chen Liu, Taiwan, R.O.C.; B.S. (National Cheng-Kung University); *Computer and Information Science*
- Shou-Ming Liu, Taiwan, R.O.C.; B.S. (Taipei Medical College); M.S.; *Veterinary Physiology and Pharmacology*
- Wennie Lim Lloyd, Laguna, Philippines; B.S. (University of the Philippines); *Horticulture*
- Mike Frank Magyary, Powell; B.S.; *Natural Resources*
- Frank Thomas Marriott, Gahanna; B.S.; *Chemical Engineering*
- Michael James Martin, Lima; B.S.; *Civil Engineering*
- Michele Ann Martino, Hubbard; B.S.; *Animal Science*
- Christine Lynn McDowell, Youngstown; B.S. (Youngstown State University); *Horticulture*
- Carolyn Jane McQuatti, Delaware; B.A. (Ohio Wesleyan University); *Plant Pathology*
- Richard Keith Meister, Columbus; B.A.; *Molecular, Cellular and Developmental Biology*
- Ernst Menet, Gais, AR, Switzerland; Diploma (Federal Institute of Technology at Zurich); *Computer and Information Science*
- Milton Edson Miranda, Sao Paulo, Brasil; C.D. (Universidade Federal De Minas Gerais-Brasil); *Dentistry*
- Mark Anthony Moreno, Tampa, Fla.; B.S. (University of Florida at Gainesville); *Chemistry*
- Wieslaw Marian Mostowy, Canton; B.S.; *Entomology*
- Andrew Mwaba, Lusaka, Zambia; B.A. (University of Zambia); *Agricultural Economics and Rural Sociology*
- Jeffrey James Nietner, Lima; B.S.; *Mechanical Engineering*
- Kenneth Wayne Ollish, Cincinnati; B.S.; *Allied Medical Professions*
- Rodney Layne Osborne, Jackson; B.S.; *Nuclear Engineering*
- Maria-Belen Ines Pangilinan, Quezon City, Philippines; B.S. (University of the Philippines); *Statistics*
- Thomas Lloyd Pannabecker, Columbus; B.A. (Bluffton College); *Entomology*
- Sahng Kyoo Park, Seoul, Korea; B.S. (Seoul National University); *Welding Engineering*
- Daniel Mark Pavuk, Rossford; B.S. (Bowling Green State University); *Entomology*
- James M. Pelagatti, Lynn, Mass.; B.S. (Northwestern University); *Computer and Information Science*
- Kimberly Gayle Perrine, New Carlisle; B.S. (Wright State University); *Genetics*
- Wayne H. Pollock, Columbus; B.S. (State University of New York at Stony Brook); *Computer and Information Science*
- Lizabeth Prater, Houston, Tex.; B.S. (Prairie View A & M University); *Home Economics*
- Debra Joanne Queen, Hamilton; B.M. (Georgetown College); B.A.; *Computer and Information Science*
- Domingo Antonio Rengifo, Santiago, Dominican Republic; Ingeniero (Agrupación Católica Madre y Maestra); *Agronomy*
- Helen Ann Ribbler, Olean, N. Y.; B.S. (Columbia University) *Nursing*
- James Alan Robbins, Columbus; B.S.E.E. (California State Polytechnic University); *Electrical Engineering*
- Marianne Roberts, Akron; B.S. (Iowa State University); *Horticulture*
- Jayne Byrne Robinson, Columbus; B.S. (Bowling Green State University); *Microbiology*
- Kent Lee Rogers, Grove City; B.S.; *Horticulture*
- Katsuyuki Sato, Tokyo, Japan; B.Eng. (Hiroshima University); M.Eng. (Kyushu University); *Electrical Engineering*
- Thomas Lyman Sefton, Dayton; B.S.; *Animal Science*
- Keith Lee Sellers, Marysville; *Physiological Optics*
- Oliver Simon Shapiro, Columbus; B.A. (Columbia University); *Microbiology*
- James Steele Sheahan, Columbus; B.S., B.S.; *Allied Medical Professions*
- Hyun Myung Shin, Seoul, Korea; B.Agr. (Seoul National University); *Industrial and Systems Engineering*
- Robert Russell Sickafoose, Canton; B.S.; *Ceramic Engineering*
- Mary Ann Siders, Euclid; B.A.; *Geology and Mineralogy*
- Arun Bahadur Singh, Naraipur, Bihar, India; B.Sc. (Birla Institute of Technology, Ranchi); *Electrical Engineering*
- Joseph Francis Sjostrom, Columbus; B.S.; *Mathematics*
- Richard Terrence Smigel, South Euclid; B.S.M.E. (Cleveland State University); *Mechanical Engineering*
- Rickey L. Smith, Worthington; B.S. (Wayne State University); *Pharmacy*
- Victoria Lynn Smith, West Carrollton; B.S. (Ohio Northern University); *Plant Pathology*
- Mark Edward Stanley, Northvale, N. J.; B.A. (Colgate University); *Zoology*
- Jon Henry Sticklen, Ashley; B.S., M.S. (Columbia University); *Computer and Information Science*
- Kenneth Gene Surowitz, Green Bay, Wis.; A.B. (Lafayette College); *Microbiology*
- Samih Tarabiehi, Columbus; M.D. (Damascus University); *Ophthalmology*
- James Alan Tetz, Delaware; B.A. (Gettysburg College); D.M.D. (University of Louisville); *Dentistry*
- Vicente J. Tormo, Waterbury, Conn.; B.S. (University of Connecticut); *Pharmacy*
- Yu-Li Tsai, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan Normal University); *Microbiology*
- Shwu-Pyng Tzeng, Kaohsiung, Taiwan, R.O.C.; B.S. (Fu Jen Catholic University); *Food Science and Nutrition*
- Sridhar Vasudevan, Madras, India; B.Tech. (Indian Institute of Technology at Madras); *Computer and Information Science*
- Richard Paul Vetanovetz, Columbus; B.S. (Delaware Valley College); *Horticulture*
- Oskar von Dungen, Kommern, West Germany; *Electrical Engineering*
- Alejandro Voysest, Lima, Peru; B.A. (Ohio Wesleyan University); *Computer and Information Science*
- Shao-Wen Wang, Taipei, Taiwan, R.O.C.; B.S. (National Taiwan University); *Welding Engineering*
- Jeffrey David Weidenhamer, Columbus; B.S. (Ashland College); *Agronomy*

Kathryn Lynn Weisenberger, Columbus; B.S.; *Pathology*

Sharon Jo Welter, Aurora, Ill.; B.S. (Bradley University); M.C.R.P.; *Civil Engineering*

Gregory Smith West, Spearsville, La.; B.S. (Louisiana Technical University); *Mechanical Engineering*

Paul Bunnell Westerfield, West Carrollton; B.S. (Michigan Technology University); *Computer and Information Science*

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Christina Jo Winget, Columbus; *Poultry Science*

Pongchai Wipasuramont, Bangkok, Thailand; B.Eng. (Chulalongkorn University); *Civil Engineering*

Michael John Woloschak, Youngstown; B.S. (Mount Union College); O.D.; *Physiological Optics*

Yu-Chang Wu, Tainan, Taiwan, R.O.C.; B.S., M.S. (Tatung Institute of Technology); *Computer and Information Science*

Chun Chieh Yang, Taipei, Taiwan, R.O.C.; D.D.S. (National Taiwan University); *Dentistry*

Kyung Soo Yang, Seoul, Korea; B.S. (Seoul National University); *Mechanical Engineering*

Hsiu-Feng Yen, Miaoli, Taiwan, R.O.C.; B.S. (National Chung Hsing University); Diploma (University of Edinburgh); *Animal Science*

Ronald James Zaguli, Columbus; B.S.; *Aeronautical and Astronautical Engineering*

Gary Jay Zaremsky, Beachwood; B.S.; *Mechanical Engineering*

Nancy Jean Zurcher, Dover; B.S. (Kent State University); *Natural Resources*

Master of Social Work

Carol Marie Armao, Painesville; B.A. (Kent State University); *Social Work*

Lee Ann Arnold, Massillon; B.S. (Bowling Green State University); *Social Work*

David Clint Becker, Yonkers, N. Y.; B.S. (State University of New York at Oneonta); *Social Work*

Debra A. Beckstett, Medina; B.S.; *Social Work*

Ann Elizabeth Black, Findlay; B.S.W. (Bowling Green State University); *Social Work*

Anna Marie Bolzan, Columbus; B.A. (Edgecliff College); Diploma (St. Paul University); *Social Work*

D. Jane Boumgarden, Delaware; B.A. (Michigan State University); *Social Work*

Dennis Alan Brazelton, Chandler, Ind.; B.A. (Purdue University); *Social Work*

Kimberly Sue Brown, Athens; B.A. (Ohio Wesleyan University); *Social Work*

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Marianne Elizabeth Crawford, Waverly; B.A.; *Social Work*

Cathy Ann Davis, Baltimore, Md.; B.A. (University of Vermont); *Social Work*

Ruell Allen Davis, Pascagoula, Miss.; B.S. (University of Dayton); *Social Work*

Chester Daniel Dilday, Lancaster; B.A.; *Social Work*

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Sharon M. Frame, Watertown, Mass.; Honors, Cert. (University of Massachusetts at Amherst); *Social Work*

Merlane Cochran Fuller, Columbus; B.S.S.W.; *Social Work*

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Helen Delores Goss, Baltimore, Md.; B.S.S.W.; *Social Work*

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Dave Rickard Grove, Columbus; B.A.; *Social Work*

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Lee Ann High, Shelby; B.A.; *Social Work*

Joyce Ellen Hillick, North Canton; B.S.W. (Bowling Green State University); *Social Work*

Lou Ann Horstman, Chandler, Okla.; B.A. (Loyola University); *Social Work*

James Douglas Hudson, Philadelphia, Pa.; B.A. (Wilberforce University); M.A.; *Social Work*

Marvin Dale Imes, Dayton; B.S.S.W. (University of Dayton); *Social Work*

Ellen Harkins Jacobs, Massillon; B.A. (Walsh College); *Social Work*

Kathryn Louise Jemison, Columbus; B.S.S.W.; *Social Work*

Wellesley Johnson, Columbus; B.A. and B.S.S.W. (Oakwood College); *Social Work*

Oscar Emilio Jubis, San Salvador, El Salvador; B.A. (University of Miami); *Social Work*

Toni Miller Kahan, Columbus; B.A. (Capital University); *Social Work*

Donna Lynn Key, Union City, Ind.; B.S. (Manchester College); *Social Work*

Tae Sung Kim, Seoul, Korea; B.A., M.A. (Seoul National University); *Social Work*

Michele Ann King, Pittsburgh, Pa.; B.A. (University of Pittsburgh); *Social Work*

Lida Linanne Knipp, New Albany; B.A. (Capital University); *Social Work*

Barbara Gail Koren, Williamsville, N. Y.; B.S.W. (Ohio University); M.A.; *Social Work*

Renee Elise Leone, Trumbull, Conn.; B.A. (Manhattanville College); *Social Work*

Sharon Beth Levy, Columbus; B.A. (Ohio University); *Social Work*

Deborah J. Lisabeth, Cincinnati; B.A. (University of Cincinnati); *Social Work*

Jeanne M. Ludwig, Columbus; B.A. (Southern Illinois University); *Social Work*

Patricia Anne Makosky, Youngstown; B.S.S.W., *Social Work*

Jacquelyn Marchetto, Columbus; B.S.S.W.; *Social Work*

Joyce Ann Maurer, Columbus; B.A.; *Social Work*

John George Maykut, Brookpark; B.A. (Cleveland State University); *Social Work*

Barbara K. McCrork, Ashland; B.S.; *Social Work*

Diane Marie Meder, Columbus; B.S. (University of Northern Colorado); *Social Work*

Leah Marcelle Meyer, Trotwood; B.S.S.W.; *Social Work*

Dorothy Jean Mitchell, Columbus; B.S.; *Social Work*

Lavenia Rogers Moses, Columbus; B.A.
(Southwestern University at Memphis);
Social Work

Jacqueline Anne Mutchler, Columbus; B.S.
(Miami University); *Social Work*

Mark Edwin Ostler, Coshocton; B.A.
(Malone College); *Social Work*

Alison Lawan Pelham, Arlington, Va.;
B.A. (Hampton Institute); *Social Work*

Julia Anne Perlmutter, Beachwood; A.B.
(Miami University); *Social Work*

Joanne Ingle Phillips, Barnesville; B.S.;
Social Work

Susan Frances Pochon, Kokomo, Ind.;
B.A. (Purdue University); M.A.; *Social
Work*

James Joseph Poremba, Garfield Heights;
B.A. (Kent State University); *Social Work*

Leslie Ann Robinson, Columbus; B.A.
(Simmons College); M.E.D. (Smith
College); *Social Work*

Andrew M. Santo, Columbus; A.A., B.A.
(Ohio Dominican College); *Social Work*

Shelley Morgan Saunders, Lexington, Ky.;
B.A. (Eastern Kentucky University);
Social Work

Robert Craig Schirner, Columbus;
B.S.S.W.; *Social Work*

Deborah J. Schneider, Columbus; B.A.;
Social Work

Michael Lee Shasky, Lexington; B.A.;
Social Work

Sharon Denise Shriver, Canton; B.A.
(Walsh College); *Social Work*

Sandra Ann Shutt, Columbus; B.S.;
Social Work

Laura Forst Silverglade, Bexley; B.A.
(University of Illinois); *Social Work*

Laurel Ann Smith, Millersburg; B.A. (Kent
State University); *Social Work*

Martha Jean Smith, Saratoga Springs,
N. Y.; B.S.S.W.; *Social Work*

Phillip Lloyd Staten, Groveport; B.S. (Rio
Grande College); *Social Work*

Eleanor Jean Stephan, Columbus; B.S.
(Capital University); *Social Work*

Karen Faye Stewart, Bellaire; A.B. (Ohio
University); *Social Work*

Mary Lee Sweet, Columbus; B.S.; *Social
Work*

Emma Rose Tackett, Columbus; B.A.;
Social Work

Camille K. Tanler, Westerville; B.S.
(Purdue University); *Social Work*

Marilee K. Taylor, Cincinnati; B.S.
(University of Cincinnati); *Social Work*

Beth Ellen Thomas, Tiffin; B.A.
(Muskingum College); *Social Work*

Walter C. Torain, Columbus; B.A. (William
Paterson College); *Social Work*

Rosemary Louise Trocano, Union City;
B.A. (Wright State University); *Social
Work*

Susan Diane Tuttle, Columbus; B.S.;
Social Work

Nancy Malta Wagner, Columbus; B.S.S.W.
(Bowling Green State University); *Social
Work*

Frank Mann Webb, Jr., Dayton; B.A.
(Wright State University); *Social Work*

Marolyn Whaley, Lima; B.A. (Bluffton
College); *Social Work*

Celeste Strickland White, Columbus;
B.S. (Indiana University); *Social Work*

Deborah Lee Wickland, Columbus;
B.S.S.W.; *Social Work*

Marie Heeg Wolf, Columbus; B.A. (Ohio
Dominican College); *Social Work*

Karen Elizabeth Woods, Dayton; B.A.
(Otterbein College); *Social Work*

Wendy Jean-Cooper Work, London; B.A.
(Cedarville College); *Social Work*

Paulette M. Zaryczyn, Cleveland; B.A.
(Marygrove College); *Social Work*

Certificate of Specialist in Translation from the Russian Social Sciences

Harvey Paul Hodak, Louisville, Ky.; A.A.
(Jefferson Community College); B.A.
(Eastern Kentucky University); *Slavic
and East European Languages and
Literatures*

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Julie Joan Eggspuehler, Iowa Falls, Iowa
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Mark Charles Glichrst, McDonald
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Deanne Mary Resch, Uniontown
Brian S. Rolston, Worthington
Elizabeth M. Schnelz, Walled Lake, Mich.
Scott Douglas Sommers, Dayton
Lance Philip Spellerberg, Tiffin
Kevin Michael Stewart-Magee, Columbus
Betsy Viktoria Strome, Mansfield
Lydia Celeste Thompson, Columbus
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Bachelor of Music

Cathy Elaine Boos, Norwalk
Thomas Andrew Jordan, Columbus
Christopher John Martin, Worthington
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East Norwalk, Conn.
Douglas Scott Morris, Elizabethtown, Pa.
Sonya Martha Nedreberg, East Liverpool
Bradley Lewis Taylor, Columbus
Douglas A. Taylor, Xenia
Susan Dillman Waterbury, Delaware
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Bachelor of Art Education¹

Robin Lynn Brilliant, Worthington

Bachelor of Art Education²

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Mariann Patricia Favret, Worthington
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Deborah Marie Holdash, Cleveland
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Bachelor of Music Education²

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Timothy D. Longfellow, Clinton
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Dustin Edward Werner, Columbus
Janet Dea White, Gahanna

Bachelor of Science in Audio Recording

Georgianne Hitchens, Worthington
Keith Siders, Lima

Bachelor of Science in Industrial Design

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Scott Nielsen, Barton, Abington, Mass.
Connie Louise Bateman, Washington, Ind.
Lisa Kay Buzby, Columbus
Sharon Leigh Coon, Columbus
Donna S. David, Columbus
Christine Marie Davis, Springfield
Krysten Karin Jones Desmond, Cincinnati
David Alan Dubick, Atlanta, Ga.
William Hull Faust, Norvelt, Pa.
John M. Fieck, Worthington
Daniel Joseph Fortunato, Paramas, N. J.
Michael Duane Garten, Fairborn
Karenn Cox Geraghty, Columbus
Dale Alan Greenwald, South Euclid
Joann Carol Handyside, Elyria
Pamela B. Hannan, Toledo
Mark Jeffrey Hathaway, Columbus
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Ellen Lyle Hoover, Columbus
Carol Jeanne Hunt, Brecksville
Valerie Anita Lacey, Columbus
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Patrick Jon McCarthy, Streetsboro
James Ernest Nash, North Olmsted
Michael Earl Newman, Columbus
Ann Michelle Nolte, Columbus
James Richard Novy, East Greenwich, R. I.
Mark Fowler Parrott, Dayton
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Ellen Therese Richey, Chagrin Falls
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Sandra Joyce Shriver, Columbus

¹ Offered by the College of the Arts

² Offered jointly by the College of the Arts and
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 Philip Joseph Volpe, Columbus
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 David Wesley Williams, Dublin

College of Biological Sciences

Dean: Patrick R. Dugan

Bachelor of Arts

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 Tracy L. Gales, Elyria
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Bachelor of Science

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 Alp Sinan Baran, Columbus
 Rajnish Kumar Batra, Kanpur, India
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 Joyce Annette Bihari, New Philadelphia
 Scott Alan Birman, Springboro
 Anita K. Boyer, Lancaster
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 Rachel Annette Brown, Wilmington
 Philip Anthony Burwinkel, Hillsboro
 Stephen Kipling Calendine, Lexington
 John Francis Collins, Dublin
 Jeffrey William Crecelius, Ashland
 Steven Jon Curtis, Marietta
 Wade Cody Dawson, Marietta
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 Gregory Joseph DeLorenzo, Cincinnati
 Paul Anthony DePascale, Columbus
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 Brenda Louise Downing, Delaware
 Mitchell Lewis Drumm, New Philadelphia
 Risa Stephanie Dunn, University Heights
 Janet Louise Easley, Oakmont, Pa.
 Ellen Deila Eighan, Canfield
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 Jennifer Leigh Fallang, Dayton
 James Bradley Ford, Findlay
 Melissa Beth Frankel, Pepper Pike
 Ronald Alan Freireich, University Heights
 Michelle Lynn French, Jackson
 Stephen W. Fry, Trenton
 Jay L. Garland, Elyria
 Ronald Joseph Gaudio, Mingo Junction
 Barbara Lynn Gerlat, Cleveland
 Stephen Oliver Gervais, Nampa, Idaho
 Linda Kay Gibson, Columbus
 Mary Elizabeth Grabaskas, Toronto
 Carol Jean Greco, Avon
 Valerie K. Green, Warrensville Heights
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 David Gene Haddock
 Rio Piedras, Puerto Rico
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 Hassan Hashemian, Mashad, Iran
 Bruce Steven Heater, Findlay
 Brian Anthony Higgins, Amherst
 Carol Louise Hines, Troy
 Steven Marc Hirsch, Baltimore, Md.

Julie Ann Holloway, Monclova
 David Wesley Humman, Cincinnati
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 Brian Neal Johnson, Columbus
 Demetrio Frederick Joseph, Lorain
 Pamela Sue Joseph, Lima
 Matthew Alan Joy, Rocky River
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 Erfan Khadem, Columbus
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 Gene Paul King, Upper Arlington
 Robert Michael Konstan, Akron
 John Lad Koprowski, Lakewood
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 Jude Anthony Kral, Parma Heights
 Daniel N. Lallathin, Jewett
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 Steven Linn Markowitz, University Heights
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 Michael Steven Nethers, Newark
 David Allen Novotny, Amherst
 Anabel Ocasio, Bayamon, Puerto Rico
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 Michael Howard Rainer, Detroit, Mich.
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 Julia Kathleen Riber, Alfred, N. Y.
 Lori Kay Riley, Brookville
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 Douglas L. Risk, Washington D. C.
 Norma Rodriguez, San Juan, Puerto Rico
 Anthony Alan Rohrbach, Thornville
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 Cheryl Annette Ryder, Cleveland
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 Kenneth James Schroer, Cincinnati
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 Sanford Len Shew, Magnolia
 Orlando Paul Simonetti, North Royalton
 Peter Diehl Smallwood, Kettering
 Keith Scott Smith, Huber Heights
 Laurel Ann Smith, Columbus
 Gary Lowell Smoot, Lucasville
 Dale Gregory Soltis, Broadview Heights
 Jack Soong, North Royalton
 John Phillip Sotos, Columbus

Mark Edward Stevenson, Cleveland
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 Paul Terry Tsivitsis, Solon
 Leslie Nadine Tucker, Lima
 Jeanne F. Tugaoen, Parma
 John Falgui Tugaoen, Parma
 William Robert Christopher Wallis, Cleveland
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 David Donald Watson, Akron
 Douglas B. Weinman, Kettering
 Robert John Weisenburger, Pemberville
 David Hadley Weltman, Sarasota, Fla.
 Todd William Westhafer, Dennison
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 Timothy Lee Workman, Lynchburg
 Willis Dean Wright III, Marion
 Joseph Peter Sekiguchi Uo, Tiffin

College of Humanities

Acting Dean: Michael W. Curran

Bachelor of Arts

Marianne Abrams, Cincinnati
 Mark William Allard, Shelby
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 Loren F. Bawn, Marietta
 Suzanne Marie Becker, Grove City
 Nancy Lee Beckstein-Titus, Wooster
 Jeffrey Franklin Bender, Bucyrus
 Linda Ann Blair, Chillicothe
 Debra Ann Blickensderfer, Conneaut
 Rebecca Ann Boggins, Canton
 Jeffrey Alan Bricker, Dublin
 Michael Alan Brooks, Worthington
 Charles R. Bunner, Columbus
 Maureen Celia Casey, Palisades Park, N. J.
 Kevin Michael Chambers, Toledo
 John J. Chester, Columbus
 Mark Douglas Crawley, Columbus
 Cynthia Marie DeVuono, Columbus
 Carole M. Dolin, Greensboro, N. C.
 Audrey Rowena Drake, Bucyrus
 Thomas Jeffrey Efta, Columbus
 William Timothy Elgin, Columbus
 Kimberly Kay Ellison, Georgetown
 John Gow Evans II, Toledo
 Judith Ann Fairly, Los Angeles, Calif.
 Constance Anne Fearon, Cuyahoga Falls
 William Charles Flynt III, Columbus
 Muge N. Galin, Izmir, Turkey
 Karen Louise Gaysunas, Columbus
 Roberta Chadwick Gerlach, Columbus
 Marian J. Giamatti, Rocky River
 Robert David Goldmann, Upper Arlington
 Cheryl Lynn Gordon, Mansfield
 James Edward Grannis, Columbus
 Diane L. Griffith, Salem
 Michael Scott Grimsley, Columbus
 Amy Belinda Guthrie, Mansfield
 Mary Margaret Gutin, Cleveland
 Kimberly Sue Hague, Chagrin Falls
 Jennifer Mary Heid, Fremont

Laurel Leslee Heinze, Columbus
 William Allen Henderson, Dayton
 Joseph Michael Hnylka, Cleveland
 Gloria Jean Huffman, Heath
 Scott A. Kammeyer, Columbus
 Adrian V. Karmazyn, Parma
 Jeremy Avram Klapper, Columbus
 Richard Patrick Konrath, Toledo
 Anna Marie Lalonde, South Amherst
 Regina Marie Langen, Washington C. H.
 Richard McLaren Lattimer, Jr., Butler
 Anna Margaret Lawson, Columbus
 Elizabeth Ann Lind, Springfield
 David Harold Luce, Worthington
 Julie Ann Luzny, Perrysburg
 Ginger Laura Lynch, Novelty
 Molly Dorothy McClenathan,
 Orchard Park, N. Y.
 Lauren Caborn McCoy, Columbus
 Jane Ellen McCuddy, Springfield
 George Daniel Merryman, Canton
 Stephen Charles Mixer, Columbus
 Dennis T. Naherny, Rocky River
 Douglas William Peelle, Cleveland Heights
 John David Pelfrey III, Canton
 Robert Austin Powers, Lakewood
 Doris Ann Ramey, Columbus
 Amy Alice Reidenbach, Columbus
 Faith E. Reidenbach, Columbus
 Katherine Ann Richardson, Worthington
 Theresa Lynn Rizzo, Galion
 Sandra L. Saltsman, Buffalo, N. Y.
 Robert A. Schultz, Whitehall
 Andrew Michael Shupala, Fairview, Pa.
 David Wm. Sims, Columbus
 Jewel E. Smith, Columbus
 Dale Martin Sowders, Cincinnati
 Teri Lynn Steiner, Columbus
 Randall Leigh Stephan, Brookville
 Cynthia M. Taylor, Toledo
 Robin Marie Taylor, Columbus
 Pamela Sue Thoma, Sylvania
 Miriam Ann Tucker, Grandview Heights
 David Scott Vanderboegh, Marion
 Charles Albert Vannatta, Upper Arlington
 Amy Joyce Watson, Westerville
 Rebecca Jane Welker, Worthington
 Katherine E. Wieteki, Ironton
 Roger Darrell Williams, Newport News, Va.
 Dann Wyatt Willis, Columbus
 Sherrilyn R. Wilson, Lexington
 Lisa Ann Winterhalter, Oakwood
 Keith E. Wolffing, Toledo
 Willa Smart Wood, Columbus
 Kim Marie Workman, Euclid
 Robert Eric Worstell, Chagrin Falls

College of Mathematical and Physical Sciences

Acting Dean: John O. Riedl

Bachelor of Arts

Mitchell Andrew Brack, Richmond Heights
 Thomas Dickerson Brown, Ottawa
 Clyde O. Fay, Columbus
 Elizabeth Kay Habeck, Columbus
 Terry Paul Harbaugh, Macedonia
 Molly Lane Jacobs, Rossford

Daniel Brian Kassel, Bay Village
 Lisa Anne Klatka, Columbus
 Philip John Oths, Cincinnati
 Edward George Patrick, Westlake
 Scott J. Schurman, Cincinnati
 Doreen Marie Will, Columbus

Bachelor of Science

Yousef George Aouad,
 Broummana, Lebanon
 Jeffrey D. Arp, Columbus
 Lisa L. Artrip, Columbus
 Lisa Jean Atcheson, Bexley
 Mark J. Bange, Hamilton
 Thomas Richard Barnaba, Newark
 David Loren Bartz, Lima
 John Eugene Bateman, S. South City, Neb.
 Robert R. Beckwith, Centerville, Pa.
 Neal L. Beeler, Lima
 Louis Michael Biafore, Reynoldsburg
 Gene Edward Boomer, Cleveland
 Alan John Brown, Columbus
 Boyd Alan Carlson, Columbus
 Wendy Diane Chadwick, Bay Village
 Dwight Evan Chapman, Columbus
 Kevin Thomas Corcoran, Lakewood
 David Beecher Daniels, Verona, Wis.
 John Edward Davis, Proctorville
 Mary J. Davis, Alliance
 Daniel Conrad Dearing, Heath
 Catherine Anne DeFrancis, Columbus
 Don Frederic DeJongh, Cincinnati
 Steven Frank Diffenderfer, Columbus
 Melinda Ann Ebert, Columbus
 Paul David Eustice, Columbus
 Paul Feezel, Cuyahoga Falls
 Robin Pam Feld, Columbus
 Victor Allen Ferdinand, Canal Fulton
 Alex Fodor, Millersport
 Lucius Seiberling Fox, Akron
 Bradley Alan Frecker, Columbus
 Irene Annette George, Mansfield
 David Fredrick Green, Chagrin Falls
 Michael Edward Hagenlocker,
 Fredericksburg, Va.
 Jamie Sue Haggerty, Toledo
 Lloyd Jerome Harding, Monrovia, Liberia
 Thomas Richard Harper, Chesterland
 Michael James Hoffman, Elyria
 Robert Michael Horwath, Kettering
 Thomas Paul Howland, Canton
 Julie Ann Hutt, Columbus
 Dawn Ellen Ickes, Elyria
 Cheryl Anne Jaske, Englewood
 Venkata Ramakrishna Jayanthi, Toledo
 Janice Elizabeth Jensen, Kent
 David Warren Kase, Roanoke, Va.
 Richard Tucker Kaul, Columbus
 Robert Allen Kearns, Columbus
 Joseph Thomas Khoury, Jr., Lakewood
 Suzanne Perree King, Columbus
 Steven J. Klatte, Cincinnati
 Janice Lynn Klein, Canton
 Lisa Jolene Klempay, Chagrin Falls
 Keith A. Kopycinski, Lakewood
 Jill Annette Kwasny, Chagrin Falls
 Bryon James Law, Reynoldsburg
 Patricia Ann Loeffler, Worthington
 Darlene Kathryn Lofand, Columbus
 Patrick Douglas Logan, Columbus
 Kwok-Hing Robert Luk, Hong Kong
 Gary Edward MacPhee, Heath
 Sandra Marie Mazza, Columbus
 David A. McCray, Oakwood Village
 James Edward McGuire, Jr., Canton
 Richard Eugene Muza, Struthers

Mark Thomas Peters, Tallmadge
 Craig Steven Rawlinson,
 Middleburg Heights
 Richard Ridewood, Columbus
 Michael Stephen Rudy, Troy
 John Edward Sambrook, Chesterland
 Patty Ann Sasaki, Chesterland
 Pamela Diane Schuler, Centerville
 Carl Eric Schwartz, Worthington
 Norman Allan Schwartz, Beachwood
 Mary Lynn Shust, Grove City
 Jim C. Smith, Richfield
 Michael Roric Sprowls, Medina
 Carl Leon St. John, Geneva
 Todd Arthur Stewart, Brookfield
 Douglas Alan Stuart, Fort Polk, La.
 Eliot Brant Swiger, Blacksburg, Va.
 Richard Jeffrey Swope, Reynoldsburg
 Susan June Szypula, East Lansing, Mich.
 Douglas A. Taylor, Xenia
 Marijke van Heeswijk, Columbus
 James Allen Wilson, Stow
 Jean Marie Wilson, Worthington
 Douglas Michael Wolse, Columbus
 Gary Alan Yeager, Bellville
 David Znidarsic, Euclid

College of Social and Behavioral Sciences

Dean: S. Earl Brown

Bachelor of Arts

Nikunj Kumar Agarwal, Charleston, W. Va.
 Chiledu A. Akoma, Surv-Lere, Lagos, Lagos
 Catherine E. Alexander, Columbus
 Darryl L. Anderson, Killbuck
 Donna Sue Aucker, Cincinnati
 Jon Lawrence Austen, Madison
 Elizabeth Mary Badurina, Columbus
 Mary E. Barley, North Canton
 Michelle J. Barry, Chagrin Falls
 William Craig Bashein, Pepper Pike
 Jack Otto Bashian, Solon
 Marcia Diane Baum, Bainbridge
 Asa A. Beavers III, Powell
 Annette Lee Beck, Cadiz
 Kathy Lynn Belcher, Columbus
 Mark William Berry, Worthington
 Margaret Louise Best, Bowling Green
 Leslie A. Blackston, Harrisburg, Pa.
 Edward Benjamin Blau II, Canton
 Carol June Bobin, Worthington
 John David Bollas, Warren
 Joann Marie Bour, McCutchenville
 Lisa Rae Boyer, Hayesville
 Gail Ann Brandenburg, Franklin
 Rodney E. Brenneman, Warsaw
 Paul Douglas Brockman, Cincinnati
 Elliott M. Brody, Canton
 Christopher Kevin Brooks,
 Colorado Springs, Colo.
 Lianne Margaret Brune, Zanesville
 Lisa Mangone Buckingham, Grove City
 Camille Lorraine Busellato, Columbus
 Andrew Scott Bush, Wellsville
 Dorothy Elaine Butler, Columbus
 Candy Joan Cain, Reynoldsburg
 Deno C. Capello, Jr., Caldwell
 Carl Edward Carpenter, Senecaville
 Susan Ann Carroll, Columbus

Douglas Harold Carter, Tipp City
 Theresa Casey, Columbus
 Kevin M. Cashen, Oregon
 Kathryn Elizabeth Cass, Bay Village
 Carla Castilla, Warren
 Denise Rosa Catanzarite, Lorain
 Robert Alan Ceisler, Columbus
 Daphne Dodson Chaneske, Massillon
 Perry Michael Chappano, Mingo Junction
 Patti Anne Click, Columbus
 Susan Nanette Coen, Kettering
 Laura Lorraine Cohen, Centerville
 Chad Jay Cohn, Toledo
 Kimber Lee Cole, Boardman
 George William Colwell, Columbus
 Lisa Ann Comegna, Hewlett Harbor
 Constance M. Connelly, Marion
 Peter Andrew Cooper, Columbus
 Deborah Kay Corso, Sandusky
 Deborah Jean Daniels, Canton
 Barbara L. Dapp, Centerville
 Carol Moomaw Davis, Greenfield
 Timothy Clifton Dawes, Huber Heights
 Rodney G. Dillehay, Columbus
 Marino Edward DiMarco, Cleveland
 Patricia Ann DiNunzio,
 Natrona Heights, Pa.
 Stephen Christopher Dow, Worthington
 Marla Colleen Drake, Columbus
 Diana Jane Duerler, Grove City
 Alton Craig Dunn, Montclair, N. J.
 Christopher L. Edmonds, Toledo
 Merry Lea Eickholt, Columbus
 David James Eitle, Utica
 John Stuart Ely, Jr., South Euclid
 Elise Marie Eustice, Columbus
 Susan Anne Farmer, Columbus
 Judith Karen Feinberg, East Liverpool
 William Edward Felker, Columbus
 Brian Edward Feuer, Youngstown
 Susan Jeanne Filer, Upper Arlington
 Karen S. Fischbach, Ottawa
 Paula Marie Fortini, Cleveland
 Kimberly Marie Foutty, Kent
 Steven Paul Franchhauser, Steubenville
 Christina Carol Frenzer, Columbus
 Mindy Joy Friedland, Cleveland
 Linda Marie Garner, Akron
 Michael John Gatsos, Bay Village
 Jeffrey Nathan Gatten, Marietta
 Susan Gerlach, Upper Arlington
 Kurt Erich Goldenbagen, Chillicothe
 Daniel Hezekiah Gooden, Columbus
 Ronald Alan Goss, Pepper Pike
 Chris J. Grimes, Minerva
 Karen Virginia Guss, Upper Arlington
 Andrew Henry Haas, Lakewood
 Catherine Jane Haas, Montoursville, Pa.
 Stephanie Mary Haban, Columbus
 Angela J. Hall, Lima
 Jennifer Lynn Halley, Grove City
 Robert C. Hancock, Cincinnati
 John Ellis Hansel, Jr., Upper Arlington
 Mary Ann Harpenau, Palm Beach, Fla.
 Rebecca Lynn Harrah, Vandalia
 Mark Rogers Harrington, Worthington
 Steven Robert Hart, Wilmington
 Caroline Nelle Heath, Massillon
 Lauren Ann Heller, Short Hills, N. J.
 Julie K. Helman, Tipp City
 Cynthia Kathleen Hendrix, Randolph
 Gwendolyn M. Hennessey, Madison
 Gina Marie Hentosh, Hubbard
 Katherine Mary Heydinger, Centerville
 Laura Lee Hoffert, El Paso, Tex.
 Albert Larkin Hoffman, North Olmsted
 Helen Marie Hoffman, Heath

Scott Allen Hoke, Warren, Mich.
 Laura J. Holtsford, Columbus
 M. Michelle Houston, Dublin
 Tamara Sue Hower, Worthington
 Karl Vincent Huebner, Columbus
 Terri Ann Iley, Sheffield Lake
 David Phillip Ingold, Mansfield
 Bernard P. Iven, Elida
 Sharon Kay Jackson, Solon
 Michael R. Johnson, Dayton
 Terri L. Jones, Englewood
 Verna Marie Jones, Columbus
 Kathleen Marie Karg, Strongsville
 Sheryl B. Katz, South Euclid
 Sheila Ann Kelley, Columbus
 Thomas Edward Kerber, Sandusky
 Kelly Ann Kerschner, Vandalia
 Lakis Kesgir, Canton
 Kathleen Marie King, Canton
 Scott Allen King, Columbus
 Douglas Paul Kinsey, Centerville
 Ray Allen Kistler, Mansfield
 Melene Ann Kochan, Lorain
 Stuart Michael Kodish, Akron
 Ruth Ann Ksienaki, Columbus
 Kathryn Jane Kuhn, Parma Heights
 Jennifer Marie Lackey, Centerville
 Lynne Frances LaFontaine, Worthington
 Rebecca Sue Lambourne, Upper Arlington
 Teresa Helen Lasko, Winsted, Conn.
 David Allen Lee, Solon
 Donald Allen Lee, Newark
 Jane Blair Lemser, Dayton
 Michael Jay Leon, South Euclid
 Nancy Jane Lett, Mansfield
 Bruce Neil Levine, Brooklyn, N. Y.
 Jacqualine Sue Lichtle, Sandusky
 Ellen Beth Limsi, Shaker Heights
 Allison Melanie Linderman,
 Oceanside, Long Island, N. Y.
 Laurie S. Longo, Detroit, Mich.
 Dianna K. Lyall, Huntington Beach, Calif.
 Bruce Malcomb Lykes, Sylvania
 Shelley Jill Malkin, Pepper Pike
 Lauren Ann Manning, Twinsburg
 Michael Richard Markovich, Akron
 R. Christopher Marshall, Newark
 Robert Neil Maxson, Canton
 Susan Terese McCarthy, Springfield, Va.
 Andrew J. McDonough, Ashland
 David John McFarland, Columbus
 Jamie Elizabeth McGann, Newark
 Gale Lynn McHenry, Cincinnati
 Gerald A. McLaughlin, Whitehall
 Elizabeth Ann Meyer, Cincinnati
 Amy Milcent Meyers, Columbus
 Kirk Aaron Migdal, Akron
 Tami Lyn Milton, Columbus
 Brian Douglas Mogg, Tacoma, Wash.
 Gerald A. Moore, Fultonham
 Tina Marie Moore, Jackson
 James Edward Morris, Gahanna
 Tod Paul Morrow, Monroeville
 Michael I. Mortimer, St. Charles, Ill.
 Libby Ann Mudrock, Northfield
 Tony Lee Murphy, Columbus
 John A. Naayers, Mason
 Joseph John Nadock, Richmond Heights
 Stephen John Nash, Boston, Mass.
 Robert David Neal, Columbus
 Ruth Ann Niermeyer, Columbus
 Henry D. Nohil, Columbus
 Carol Suzanne Nolan, Columbus
 Steven Scott Nolder, Delaware
 Timothy O'Cain, Gahanna
 Timothy E. O'Rourke, Dayton
 Lori Lee Okolk, Wintersville
 Cynthia E. Olmstead, Worthington

Leisha Sue Oury, Cincinnati
 Michael Nestor Palahnik, Hicksville, N. Y.
 John Joseph Parker, Newark
 Penny T. Parr, Cincinnati
 Robert Earl Paugh, Jr., Worthington
 Dana Lynn Pearson, Columbus
 William Lawrence Peate, Columbus
 Ivan Miguel Peoples, Mansfield
 Diane Marie Pillar, Painesville
 Thomas Scott Polko, Warren
 Lauren Olivia Portman, Akron
 Mary Ellen Potter, Akron
 Scott Bryan Potter, Reynoldsburg
 Bradley Allen Powell, Shadyside
 Elaine Marie Puleo, Columbus
 Robert Harold Purdy, Jr., Vermilion
 Brian Francis Reaman, Cuyahoga Falls
 Theresa Ann Remlinger, Columbus
 Ranette Yvonne Rhodes, Wood River, Ill.
 Kevin B. Richardson, Reynoldsburg
 Kristina Lynn Ricketts, Grove City
 John Eyring Rieske, Delaware
 Karen Susan Rinaldi, Cedar Knolls, N. J.
 John Karl Rinehardt, Bellville
 Julia Adele Roberts, Worthington
 Kathy Ann Rose, Euclid
 Lynn E. Rose, Canton
 Nancy Lynn Rosen, Columbus
 Robin Lynn Roush, Prospect
 Armin W. Rudy, Wakeman
 Kenneth George Ruffin, Columbus
 Holly D. Russell, Warsaw
 Paul Gregory Russell, Defiance
 Mary Katherine Ryan, Columbus
 Susan Leanne Sammons, Dayton
 Sheila Noreen Samuels, University Heights
 Sandra J. Santa-Emma, Cleveland
 Timothy Michael Schiff, Sidney
 Susan G. Schneider, Pepper Pike
 Thomas David Schooler, Utica
 Philip Daniel Schramm, Marietta
 Randy Ginn Scott, Bucyrus
 David Searles, Jr., Columbus
 Joan Mary Severs, Shidell, La.
 Douglas Ray Sexton, Shelby
 Sharon Marie Shane, Hunting Valley
 Jennifer Elizabeth Shelt, Massillon
 Evan Craig Sherman, Independence, MO.
 Susan Ann Shivers, Mentor
 Michael D. Sillins, Columbus
 Eugene Marc Simon, University Heights
 Anthony J. Skalican, Jr., Canton
 Christopher Glenn Smith, Gallipolis
 Clyde David Smith, Toronto
 Diane Sue Little Smith, Columbus
 Lisa Regina Smith, Newark
 Robin J. Snyder, Columbus
 Laura M. Spettel, Norwalk
 Duane Davis Stanislaw, Columbus
 Tracy Louise Stanton, Mansfield
 Amy Jo Steele, Massillon
 Mark Allen Steele, Shelby
 Robert Neil Stein, University Heights
 Stephen Joseph Stephens, Jr., Columbus
 Lori S. Stern, Beachwood
 Debbie Alyse Sternweiler, Cincinnati
 Anthony R. Stout, Pickerington
 Nancy L. Strain, Canton
 Kevin Patrick Sullivan, Tippecanoe
 Mary Ellen Sweeney, Euclid
 Scott D. Sweet, Coshocton
 Curtis James Sybert, Ravenna
 Nancy Michele Syring, Warren
 James Elmer Takacs, Northfield
 Majid Tavakolian, Tehran, Iran
 Ron Tenenhaus, Columbus
 James Lawrence Teets, Valley Forge, Pa.
 Rebecca Margaret Thomas, Grove City

Kimberly Denise Thompson, Arcanum
 Laurel Jean Thompson, Dayton
 Robert Eli Ticktin, Cleveland
 Shari Lynn Timberlake, Lancaster
 Vicki Ann Tomashot, Beaver Creek
 Dina Renee Toyzan, Whitehall
 Mark David Tucker, Logan
 Jerry G. Tyree, Marion
 Jeffery R. Vance, Poughkeepsie, N. Y.
 Wendy Davis Vaughan, Upper Arlington
 Brenda Ann Vaughn, Orchard Park, N. Y.
 Judith Lynn Wagner, Wooster
 Richard Jay Wagner, Reynoldsburg
 Glenn Scott Warrick, Newark
 Chris Elaine Waugh, Columbus
 William Leslie Westerman, Jr.,
 Worthington
 Marion C. White, Huntington Beach, Calif.
 Nancy Ann White, Thornville
 Catherine D. Williams, Harveysburg
 Kerry Dent Williams, Columbus
 Ann Marie Willis, Tipp City
 Rex Daniel Wilson, Chardon
 Monique Renee Wise, Pickerington
 Julie C. Wiseman, Wheeling, W. Va.
 Erich Werner Wolf, Cuyahoga Falls
 Nancy Thomas Wonnell, Columbus
 Thomas Robert Wyatt, Ghent
 Helen Shanahan Wynne, Columbus
 Karen Yarle, Columbus
 Christine Yinger, Columbus
 Crystal Ian Zellar, Zanesville
 Carol Ann Zonak, Upper Arlington

Lori H. Mehling, Fremont
 Jody Dell Mellott, Butler
 Charles Jon Nicely, Akron
 Anne Marie Oppenheim, Columbus
 Lynn Ann Paxton, Pittsburgh, Pa.
 Janet Leslie Phillips, Pittsburgh, Pa.
 Stephen Christopher Phillips, Columbus
 Joel Reed, Lancaster
 Joyce Rausch Ries, Plain City
 Gerald Anthony Rombach, Elyria
 Reza Sadeghi, Tehran, Iran
 Randall Herb Schimmoller, Lima
 Julie Ann Seigel, Newark
 Kathleen Ann Shimmmin, Avon Lake
 Lori J. Smelko, Enon
 Daniel Patrick Smith, Marysville
 Lea Lynn Smith, Newark
 David Lowell St. John, Centerville
 Evangelia Sterniotou, Columbus
 Beverly Ann Elizabeth Stotzner,
 North Ridgeville
 Francina Louise Temple, Toledo
 Linda A. Tevlin, Columbus
 Robert James Thomas, Van Wert
 Constance Lynn Tirpak, Mentor
 Kathy R. Trabue, Columbus
 Gloria Bowman Washington, Columbus
 Lawrence P. Wherthey, Louisville, Ky.
 Vernon Jon Williams, Canton
 Daniel Jeremy Williger, Beachwood
 Cindy Wilson, Columbus
 Lisa Marie Zipfel, Columbus
 Carol Ann Zurich, Lorain

Liane Martin, Olmsted Falls
 Michael F. McGarey, Springfield
 William Patrick McSweeney, Lakewood
 Maureen Elizabeth Miller, Dublin
 Mary Louise Miotlowski, Steubenville
 Matt Moffett, Ashland
 Julie Fae November, Beachwood
 Victoria Sue Nutter, Huron
 Daniel John Orzano, Columbus
 Laura Ann Palko, Natrona Heights, Pa.
 John Donovan Petric, Strongsville
 Lori Leanne Plankell, Columbus
 William John Purpura, Columbus
 Elizabeth Susan Readerman,
 Shaker Heights
 Kimberly Ann Rinker, Springfield
 Richard Arthur Ripley, West Carrollton
 Alejandro Rodriguez, Reynoldsburg
 Lisa Cathy Romeo, Hickory, N. C.
 Michael Regis Ryan, Westerville
 Paula Carol Schimpf, Lima
 Debra Emily Seng, Findlay
 Marsha Sinewe, Centerville
 Walter T. Soga, Jr., Columbus
 Steven A. Spaulding, Upper Arlington
 Lucille Josephine Stiger, Lancaster
 Dana Douglas Stone, Wellington
 Julia May Strayer, Dublin
 Michael Lee Thomas, Belle Valley
 Sue A. Tolles, Grand Rapids
 Randall Reed Vermillion, Kalamazoo, Mich.
 Mark Douglass Warth, Zanesville
 Jeanne Marie Washko, Bedford
 Robert Thomas Weaver, Tiffin
 David Brian Zuber, Lexington

Bachelor of Science

Mary Joann Allen, Jeromesville
 Timothy Bruce Babcock, Gallon
 Thomas F. Biddle, Mansfield
 Laura L. Bowman, Athens
 Jill Ann Boxler, Parma Heights
 Monica Lynn Bricker, Dublin
 William Lee Bridges, Charleston, W. Va.
 Thomas Stanton Brugler, Toledo
 Jacqueline Michele Campbell, Cincinnati
 Pamela Sue Carter, Michigan City, Ind.
 Lisa Cassini, Cincinnati
 Natalie Jean Childs, Mansfield
 Phyllis Ann Connell, Pickerington
 Ann Kathryn Dapore, Versailles
 Paula Christine Dew, Columbus
 Debra Lynette Durant, Pataskala
 Janet Erdy, Amherst
 Richard Bartholemew Esposito,
 Trumbull, Conn.
 Nancy L. Essex, Pataskala
 Karla M. Filipczak, Columbia, Md.
 David Laurence Fox, Novelty
 Lori Ann Gaiser, Centerville
 Kevin Wade Galloway, Marion
 Jacqueline Marie Gissinger, Clinton
 David Alan Good, Malvern, Pa.
 Michele Renee Gutridge, Newark
 Darrell John Hanf, Ft. Jennings
 Amy J. Hansen, Lakewood
 Michael Thomas Hingson, Columbus
 Daniel B. Horne, Columbus
 Kathryn Frances Jackson, Genoa
 Charlene Warner Johnson, Lorain
 Charlotte Emily Jones, Worthington
 William Kenneth Jones, Jr., Dover
 Laura Leigh Koppes, Lodi
 Frederick Martin Kowalski, Columbus
 Kathy Sue McGillivray, Springfield
 Cathy Ellen Mehl, Hamilton

School of Journalism

Bachelor of Arts in Journalism

Mark Christopher Beebe, Madison, Conn.
 Michael Glen Bowersock, Lima
 Mark Daniel Braykovich, Cleveland
 Katherine P. Byard, Toledo
 Barbara S. Carmen, Columbus
 George Brian Corn, Burlington
 David Allen Cornwell, Johnstown
 Jeffrey D. Couto, Louisville
 Sue Anne Cross, North Royalton
 John Curtiss Crumley, Reynoldsburg
 Jennifer Burke Davis, Columbus
 Pamela Jean Dickerscheid, Worthington
 Patty Jean Downing, Winchester
 Anne-Marie Dunn, Kettering
 Mary Jane Dunn, Kettering
 Joan Elaine Edwards, Worthington
 Teresa Karol Eulett, Bucyrus
 Alan E. Feldenkris, South Euclid
 Monica Anne Flynn, Columbus
 James A. Forti, Buffalo, N. Y.
 Bruce Alan Friedman, Toledo
 Elaine Christine Fygetakis, Cuyahoga Falls
 Faye Rose Garrison, Louisville, Ky.
 Richard Alan Githens, Centerville
 James E. Glista, Salem
 David Keith Greer, Delaware
 Douglas K. Holzworth, Avon Lake
 Cynthia Sue Howes, Newark
 Kevin Edward Huerkamp, Cincinnati
 Julia Joy Hureay, Newark
 Thomas Raymond Jung, Lima
 Robert Keim, Jr., Lakewood
 Kathleen J. Kilfoyle, Elyria
 Tracy Allen Koontz, Columbus
 Elizabeth Giles Lillard, Dayton
 Daniel Martin Lincoln, Columbus
 Steven Patrick Manos, Seville

College of Administrative Science

Dean: H. Justin Davidson

Bachelor of Science in Business Administration

Mark Carl Abel, Cincinnati
 Christina Kay Ackerman, Avon Lake
 Karen Lynne Adelson, Shaker Heights
 Anita J. Ahlgren, St. Louis, Mo.
 Desiree Lynn Akrooche, Columbus
 Gregory James Aklerdice, Kinsman
 Gary Mitchell Aleusan, Canton
 Kemper Clark Allison, Columbus
 Brett Steven Amelung, Alliance
 David Brian Amerine, Marysville
 Darrell Brooks Anderson, Worthington
 Richard Merrell Anderson, Madeira
 Mark Robert Angle, Aurora
 Thomas Edward Antes, Columbus
 Howard Thomas Anthony, Jr.,
 Rockville, Md.
 Karen Elizabeth Anzuini, Worthington
 Dennis Evan Appelbaum, Canton
 Venetia Argeros, Kettering
 Gregory Lee Arthur, Lima
 William Anthony Artino, Sandusky
 Mary Ann Asencio, Johnstown
 Lisa Ann Atkins, Columbus
 Steven Douglas Ator, Columbus
 Julie Ann Ayers, Cambridge

Vickie Riley Babcock, Newark
 Joseph Michael Babeaux, Gahanna
 Joann Elaine Bacak, Port Clinton
 Robert Benjamin Badgely, Grove City
 Michelle Renee Bailey, Cleveland Heights
 David L. Baker, Coshocton
 Joann Denise Baker, Dublin
 Michael Gregory Baker, Warsaw
 Christine D. Balbaugh, Ottawa
 David Lee Baldrige, Lincoln, Neb.
 Linda Ann Balzano, Parma Heights
 Debra Bigelow Barber, Newark
 Patrick Cahill Barber, Geneva, Ill.
 Michelle Lynn Bard, Bryan
 Raymond Barelka, North Olmsted
 Sallie Marie Barlow, Columbus
 Jennifer Lynn Bassett, Columbus
 John David Batchelder, Gambier
 Joseph Pete Baudo, Columbus
 Cynthia Louise Bavaria, Cincinnati
 Mark Andrew Bazelak, Xenia
 Tamara Kay Beam, Xenia
 Joseph Aloysius Bechtold, Cleveland
 David J. Bel, Toledo
 Kenneth Lee Bell, Worthington
 Bruce Joseph Benaglio, Hibbing, Minn.
 Benton A. Benalcázar, Columbus
 David Franklin Benedum, Columbus
 John Anthony Bernard II, Columbus
 Sandra Marie Bernecker, Cincinnati
 Joseph Michael Berner, Avon Lake
 Brian Lee Berry, Columbus
 Jeffrey Gale Best, Russell's Point
 Alan Scott Biersky, Lyndhurst
 Robert Lee Bickmire, Newark
 Beth Ann Biederman, Ashland
 Robert Leonard Bilrey, Columbus
 Ronald A. Bisaccia, Columbus
 Conrado Bischoff, Caracas, Venezuela
 Iliana Bischoff, Caracas, Venezuela
 Giorgio Carmelo Bitoni, Columbus
 Timothy Alan Blair, Hudson
 Janet Elizabeth Blake, Findlay
 Tamara Ann Blowers, Dublin
 Masha Bodas, Columbus
 Jennifer Ruth Bogen, Columbus
 Benjamin Philip Boies, Columbus
 Harriett Sonya Bomas, Marion
 John B. Bond, Shiloh
 Robert Thomas Bone, Fort Wayne, Ind.
 Michael James Bonfini, Bellaire
 Robert Xavier Borths, Cincinnati
 Timothy J. Boucher, Columbus
 Mercele Germann Bowen, Circleville
 Scott Lee Bowman, Columbus
 Jennifer Lynn Bowser, Cincinnati
 Paula Jane Bozeka, Louisville
 Brent Burdell Bradbury, Urbana
 Thomas Irwin Bradley, Worthington
 Jeffrey Bradshaw, Mansfield
 Jeffery Alan Brannick, Springfield
 Jackie Lynne Branson, Mansfield
 Neil Craig Brewer, Westerville
 Bruce Donald Broadbelt, Warren
 Lisa Ann Brockett, Akron
 Alan James Brown, Grove City
 Michael Lee Brown, Newark
 Melinda Lee Brunow, Sandusky
 John Carl Bruns, Kettering
 Michael Adam Buck, Novelty
 R. Michael Buckingham, Ashland
 Paul Richard Bugenstein, Lima
 Blaine Alan Bullock, Circleville
 Craig Alan Bullock, Kenton
 Tamara Sue Bumpus, Mt. Vernon
 Joseph Burch, Elyria

Kevin James Burke, Columbus
 Beth Ann Byerley, St. Marys
 Mustafa Abidin Cabi, Warren
 Thomas Robert Cahill, Jr.,
 Phillipsburg, N. J.
 Larry Joseph Calvelage, Delphos
 Christopher J. Campbell, Columbus
 John Wallace Campbell, Houston, Tex.
 Lisa Marie Cannon, Columbus
 Robin Ann Cannon, Bexley
 Pamela Ann Capani, Dublin
 Emerito Baisa Capulong,
 Manila, Philippines
 Jeffrey Lee Carpenter, Lewisville
 Jonathan Earl Caruso, Rocky River
 Richard E. Cash, Columbus
 Craig Andrew Chabot, Cincinnati
 Yew-Onn Chan, Singapore, Singapore
 Stephen Anthony Chema, East Liverpool
 Penelope Basil Christo, Elyria
 Kui-Yeung Chung, Columbus
 Edward James Cinkole, Geneva
 Kimberly Ann Clair, Cambridge
 Perry Lee Coate, Columbus
 Joseph Charles Cohagen, Columbus
 Rory Owen Cole, Columbus
 Frederick Joseph Condon, Jr., Solon
 Jacqueline Maria Conley, Euclid
 Martin Howard Conroy,
 Middleburg Heights
 Michelle Ann Conventine, Columbus
 David Eugene Cook, Marysville
 Kathleen S. Cottrell, Westerville
 James Edward Courtright, Westlake
 Jamie F. Crapper, LaSalle, Ontario, Canada
 Kevin Paul Crawford, Westerville
 Richard D. Crawford, Niles
 Steven James Criswell, Columbus
 Francisco Cuellar, Matamoros, Mexico
 Thomas Arthur Cully, Toledo
 Rex A. Culver, Upper Sandusky
 Susan Lynn D'Agostino, Canfield
 Joel Angelo Damante, Sandusky
 Ronald August D'Amico, Columbus
 Eric Lamont Dansby, Akron
 David Hamilton Daughters, Columbus
 Bruce Kevin Davis, Amanda
 James Louis Davis, Toledo
 Robert Jefferson Davis, Columbus
 Timothy J. Davis, Worthington
 Richard Thomas Day, Toledo
 Sharon Leigh Deem, New Kensington, Pa.
 Michael William DeJulio, Toronto
 Ralph Eugene DeLong, Jr., Pataskala
 Carol Anne Demarco, Monaca, Pa.
 Douglas Allen Dennison, Postoria
 Jeanette René Denton, Columbus
 David J. Desch, Dayton
 Deborah Lynn DeWald, Tiffin
 Timothy Augustus Diaz, Rockville, Md.
 Clint Edwin Diehl, Columbus
 Jon Kenneth Dilgard, Columbus
 Kevin M. Distelhorst, Galloway
 Charles Allan Docken, Kettering
 Eveline Zeida Donner, South Euclid
 Andrew David Dottermusch, Aurora
 Mary Kathryn Dougherty, Kettering
 Willie James Dowell, Warren
 Howard Michael Dratler, Columbus
 Robert Lawrence Dratler, Columbus
 Molly Sue Drerup, Delphos
 D. Shawn Ducey, Ottawa
 Brian Earl Duff, Columbus
 Sharon Ann Duk, Canfield
 Elizabeth Ann Dumbauld, Troy
 Philip Gerard Durban, Galloway

Janet Lynn Dutkin, Columbus
 Robert Eugene Earley, Brook Park
 Michael Robert Eby, Independence
 Danny Lee Eckel, Harrison
 Margaret Rose Eckert, Dayton
 Douglas C. Edwards, Canfield
 Patricia Ellen Edwards, Columbus
 Roy Douglas Eft, Steubenville
 Laura Ann Eifert, Worthington
 Michael Patrick Eischen, Dayton
 Karen Lynne Eisenbach, Newark
 Samuel Farrar Elam, Dayton
 Patrick Joseph Elfrink, Columbus
 Scott Allen Elk, Pepper Pike
 Joanna Lynn Ellison, Columbus
 Michael Dean Emmert, Mansfield
 GERALYN Marie Engler, Elyria
 Angela Louise Enrione, Cincinnati
 Renée Cecelia Erb, Columbus
 James Alan Ernsberger, Lexington
 Timothy Gerard Esther, Garfield Heights
 William Howard Ewing, Burbank
 Timothy Don Eyssen, Brunswick
 Kevin Dale Fairchild, Ironton
 Wayne Ellis Farmwald, Doylestown
 Douglas Charles Fast, Findlay
 Dennis Clair Faulkner, Marion
 Thomas Walter Ferguson, West Salem
 Carl Michael Ferrazza, South Euclid
 Richard J. Cosmo Ferro, Fair Lawn, N. J.
 Larcatha Vanessa Fields,
 Daytona Beach, Fla.
 Andrew Theodore Fillis, Canton
 Mark Alan Filson, Xenia
 Jane Elizabeth Fink, Mt. Blanchard
 Trudy Lynn Fischer, Clyde
 Teresa Jane Fitz, Columbus
 Robert Thomas Fitzgerald, Cleveland
 Mark Thomas Flegge, Amherst
 Debra Parker Fleming, Utica
 James Richard Flexer, Worthington
 Terri Lynn Florin, Akron
 Susanna Clare Ford, Rocky Hill, Conn.
 Susan Ann Foskuhl, Beavercreek
 Michael David Foust, Elida
 Paul David Fowler, Portsmouth
 Brian John Fox, Cincinnati
 James Edwin Fox, Huber Heights
 Christopher Scott Franke, Marysville
 Jerry Lee Frisbee, Cambridge
 Kevin Paul Frydryk, Hillsboro
 Robert Henry Fujita, Westlake
 Michael Edward Furry, Cambridge
 Jerald Arnold Fusco, Medina
 Gary Ray Gaal, Columbus
 Robert G. Gallagher, Parma
 James Leslie Gallup, Van Wert
 John Robert Garrison, Marion
 Jeanne Marie Geiger, Cortland
 Steven Joseph Geise, Sidney
 Annette Marie Germond, Bethel Park, Pa.
 Scott Allan Gibbons, West Carrollton
 George T. Giles III, Warren
 J. Jay Gilliland, Zanesville
 Donna Marie Gisondi, Beavercreek
 Jody Ann Glasser, Toledo
 Philip Robert Glesser, Elmore
 Elizabeth Ann Glidden, Cuyahoga Falls
 Elizabeth Ann Glinn, Warren
 Cynthia Kay Godes, Orange
 Brent Paul Godfred, Fremont
 Steven Howard Goodfriend, Sarasota, Fla.
 Jeffery Arthur Gottron, Fremont
 Terry Allen Graber, Plain City
 James David Grady, Lyndhurst
 Paul Thomas Gram, Springfield

Jo Ellen Granzow, Upper Arlington
 Robin Jon Grathwohl, Sandusky
 David Alan Gray, Stow
 Brian Joseph Greene, Columbus
 Richard Dwight Gregory, Cleveland
 Kathryn Louise Griffith, Cincinnati
 Joseph Albert Grotenrath II, Columbus
 Thomas Whitney Grow, Jr., Mansfield
 Richard Thomas Gurley, Fairport Harbor
 Jeffery Robert Hagood, Vermilion
 James Bertram Hague, Reynoldsburg
 James M. Halas, Upper Arlington
 Bruce David Hall, Parma
 Jeanne Lynn Hall, Columbus
 John Stephen Hall, Worthington
 Michael Andrew Hall, Stow
 Nancy Hall, Columbus
 David Rockne Halman, Ashtabula
 Duane Anthony Hamann, Hamilton
 William S. Hamill III, Columbus
 Jan Marie Hammer, Massillon
 Sally Ann Handloser, Danville, Ky.
 George John Hardiman, Sagamore Hills
 John Russell Harpster, Ashland
 Jordan Kenneth Harrelson, Lebanon
 Terry Steven Harris, Gahanna
 Craig Robert Hartman, Columbus
 James Dennis Hartnett, Cortland, N. Y.
 Paul Victor Haubert, Marion
 Cynthia Lynn Haugse, Columbus
 Douglas James Haupt, Worthington
 James Kemper Hawley, Tipp City
 James William Hayden, Okemos, Mich.
 Donald Edwin Hayes, Pepper Pike
 Steven Owen Headley, Pemberville
 Jeffrey John Heaphy, Munroe Falls
 Wanda Paye Heard, Dayton
 Joseph Carl Hemmelgarn, Port Recovery
 David John Hemsath, Westlake
 James Norwood Hendrix, Columbus
 Jeffrey David Henry, Dayton
 Raul Alberto Hernandez, Youngstown
 Jeffrey Lee Herriott, Marysville
 Christopher Howard Hertenstein, Bellefontaine
 Lorraine Mammie Hill, Columbus
 Victoria Ann Hoegler, Columbus
 Craig Lee Hoffman, Raymond
 Randall Arnold Hofmann, Columbus
 Peter John Holjevac, Parma
 Meredith Eve Holton, Aurora
 Teresa Lynn Honert, Lima
 Alan August Anthony Horvath, North Olmsted
 Ellen Marie Hostal, Rocky River
 Annette E. Houk, Thornville
 Patricia Ann Howard, Columbus
 Wanda Irene Howard, Columbus
 Richard Andrew Howden, Columbus
 Robert Mercel Hudgins, Jr., Burgoon
 Nancy Lynne Huff, Westerville
 Stephen William Hugill, Columbus
 Diane Elizabeth Hunt, Cuyahoga Falls
 Gregory David Hurley, West Carrollton
 Patrick Neal Hurley, Lexington, Mass.
 Paul Joseph Iacobelli, Parma
 Michael Joseph Iannarino, Columbus
 Charles Louis Immel, Worthington
 Brenda Helene Insinga, Aurora
 Karen Leigh Isabel, Columbus
 Barry Lynn Jackenheimer, Ashland
 Daniel Allen Jackson, Bryan
 Nina Lucille Jackson, Columbus
 Martin Gerard Janowiecki, Toledo
 Susan Lynn Jaskari, Wintersville
 Laura Lee Jenkinson, Lancaster

Jeffrey Allen Jenks, Columbus
 Patrick Lee Jensen, Perrysburg
 Todd Alan Jividen, Eleanor, W. Va.
 Kent Edward Johnson, Greenville
 Lawrence William Jones, Youngstown
 Tami Lynne Jones, Mansfield
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 George Peter Kadenos, Wheeling, W. Va.
 Charles Dennis Kaiser, Canton
 Patricia Ann Kaiser, Grove City
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 Gale Eugene Kaufman, Columbus
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 Craig Weldon Keller, Sunbury
 Carey Stanley Kemz, Berea
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 Daniel Edward Kennedy, Youngstown
 Randal E. Kennedy, Columbus
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 Lynne Ann Kent, Toledo
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 Diana L. Kerrison, Chillicothe
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 Robert Coleman Keyes, Ft. Wayne, Ind.
 Kellie Ann Kilbarger, Lancaster
 Kenneth Michael Kinkopf, Parma Heights
 Douglas Perry Kinney, Whitehall
 Jane Marie Kinney, Naperville, Ill.
 Kimberly Anne Kintz, Lima
 Clifford Steven Kirchner, Euclid
 Stephen Joseph Kisor, Toledo
 Laura Anne Kitay, Amherst
 Ronald Alan Klamert, Middleburg Heights
 Cynthia Jean Kline, East Amherst, N. Y.
 Dennis Paul Kline, Columbus
 Mary Katherine Knecht, Washington C. H.
 Eric Scott Knoch, Wapakoneta
 Thomas Edward Koch, Cincinnati
 Herman Joseph Koehler, Jr., Columbus
 Rosemarie K. Koestner, Columbus
 Monica DeAnne Komar, Parma Heights
 Louis William Konstan, Akron
 Susan Denise Koon, Columbus
 Warren Neil Koontz, Jr., Newark
 Henry Clifford Korecko, Brecksville
 Charles Michael Kosich, Canton
 Howard Jeff Krantz, Cleveland
 Mitchell Stanley Krantz, Columbus
 Edward Harlan Kraus, University Heights
 Donald A. Kronenberger, Columbus
 Karl Dean Kuehl, Wapakoneta
 Rebecca Lynn Kuhn, Waverly
 George A. Kurilic, Jr., Sandusky
 Jodie Lynne Kurilic, Sandusky
 Michael Scott Kvitko, Twinsburg
 Nick Andrew Labosky, Newton Falls
 Debra Kaye LaCunsky, Port Clinton
 Douglas Earl Landers, Berea
 Lilli Ann Langley, Pickerington
 Jonathan Jay Lapine, Mayfield Heights
 Jerry Thomas Larson, Utica
 Victoria Ann Latzy, Kettering
 Eva Marie Law, Urbana
 James Steven Lawler, Dayton
 Eddie L. Ledford, Jr., Bay Village
 Susan Kay LeFever, Orrville
 Brian David Lehr, Wadsworth
 Blake William Leis, Columbus
 Teri Kuhlman Leonard, Mt. Vernon
 John Marvin Leslie, Columbus
 Charles Thomas Locke, Jr., Canton

Cynthia Kay Lohmeyer-Mortimer, Bloomington, Ill.
 Mary Patricia Louis, Aurora
 James Robert Lowder, Columbus
 James Arthur Lunde, Bowling Green
 Edward John Lusk, Independence
 Lola Marie Lynch, Columbus
 Kenneth Joseph Lyons, North Canton
 Kenneth Alan Machock, Columbus
 Charles Richard MacMeans, Columbus
 Neil Patrick Madsen, Chesterland
 Suzette Ann Maghes, Cambridge
 Michael Anthony Magnacca, Columbus
 Martin Paul Majka, Toledo
 Frank Donald Maki, Scotland, Conn.
 Leila Sue Maloof, Columbus
 Robert Nolan Manley, Lima
 Thomas Edward Mantell, Portsmouth
 David Wesley Mantyla, North Canton
 John Thomas Marcarello, Warren
 Gregory Alan Markel, Granville
 Sharon Beth Marks, Youngstown
 Daniel Saul Marowitz, Warren
 Karen Michelle Marshall, Cleveland
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 Jutta Elizabeth Martin, Waldo
 Regina Marie Martin, Columbus
 Thomas Booker Martin, Youngstown
 Manuel Joseph Martinez, Canton
 James Michael Martz, Lima
 John Fitzgerald Marulli, Canton
 Anne Michelle Marx, Sitka, Alaska
 Michael John Matisek, Youngstown
 Edward Peter Matzules, Akron
 Thomas Randall Maxim, Reynoldsburg
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 Tracey Lorene McAllister, Columbus
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 Katherine J. McCafferty, Cleveland
 Michael James McCann, Columbus
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 Timothy Stauffer McCord, Beavercreek
 Patricia Lynn McCorkle, Akron
 Gregg James McCormick, Dublin
 Jane Frances McCourt, Chagrin Falls
 Sonya Renée McCoy, Dayton
 Clarence D. McCutcheon, Newark
 Roger Gilbert McDaniel, Ravenna
 Evelyn Anne McElhaney, Coshocton
 Michael Kern McGinnis, Ann Arbor, Mich.
 Thaddeus Michael McGuire, Warren
 Michael Jay McJunkin, Caledonia
 Michael Lee McKinley, Loudonville
 Suzanne Marie McKinney, Westport, Conn.
 Kenneth Karl McMahon, Lorain
 Marsha Mary McMichael, Bucyrus
 Patricia Marie McNichols, Coshocton
 Melissa Medar, Berea
 Pamela Jean Meklus, Aurora
 Lisa Gerette Melia, Dayton
 Robert James Meredith, Lima
 William Robinson Meredith, Lima
 David John Merola, Powell
 Carl Anthony Metzger, Jr., Mentor
 Marcia Ann Metzger, Shelby
 Eva Ann Miller, Columbus
 Paul Michael Miller, Worthington
 Sheri Beth Miller, Vermilion
 Thomas Phillip Miller, Lexington
 Mark Eugene Mitko, South Charleston
 Lawrence J. Minogue, Berea
 Matthew Jay Mitter, Kettering
 Norman Craig Moore, Ohio City
 Robert George Moore, Jr., Bay Village
 Robert Kenneth Moore, Niles
 Kurtis Lee Moran, Hilliard

Amy Jean Morgan, New Carlisle
 John Victor Morman, Marion
 Kenneth Edward Morrow, Canton
 Julia Ann Motes, Chillicothe
 Wendy Ann Moyer, Columbus
 Steven Robert Mulhern, West Carrollton
 Leann Mull, Newark
 Karen Lee Murphy, Cincinnati
 Lisa Marie Murphy, New Philadelphia
 Laura Ann Murray, West Jefferson
 Lucinda Ann Musille, Mansfield
 Leonora Marie Myers, Worthington
 Raymond Paul Myers, Toledo
 Manoj Kumar Narang, Cincinnati
 Sari Roda Nathans, Wayne, N. J.
 April Dawn Neal, Lima
 Gilbert Wilson Neal, Akron
 Frank Raymond Neff, Columbus
 Jodi Lynn Nelkin, Akron
 David Hugh Nelson, Bay Village
 Katherine Denise Nelson, Newark
 Michael Edward Nestor, New London
 Bruce Lee Newman, Richmond Heights
 Marlene Ann Nickle, Martins Ferry
 Letitia Gay Niemeier, Glen Dale, W. Va.
 Andrea Ellen Nobil, Akron
 Kathy Ann Noe, Toledo
 Nancy Beth Norval, Akron
 Mary Elizabeth O'Brien, Columbus
 Michael Thomas O'Connor, Vermilion
 Brian Michael O'Neill, Parma Heights
 Susan Dawn Oswald, North Canton
 David Scott Overmyer, Burgoon
 Robert Craig Pack, Orrville
 Ronald Patrick Palermo, Hudson
 Randall Scott Palmer, Loudonville
 Linda Sue Parker, Columbus
 Jeffrey Dale Patterson, Findlay
 Stella Elizabeth Patti, Columbus
 Timothy James Penton, Lorain
 Christina Marie Perrino, Cincinnati
 Kristine Elizabeth Perry, Elyria
 Daniel Thomas Pesta, Cleveland
 Mark Thomas Peters, Bath
 Kristin Nan Peterson, Piqua
 Larry Craig Phipps, Richwood
 Gary Steven Pidock, Columbus
 Robert Mark Pierce, Columbus
 Robert Thomas Pierce, Portsmouth
 Kevin Alan Pietzsch, Worthington
 Teresa Jane Pinney, Columbus
 Phillip Emil Plasko, Dayton
 Peter John Polanski, Dayton
 Michael Alan Poling, Lancaster
 Stephanie Lynn Popoff, Kettering
 Jonathan Bruce Popper, University Heights
 Kent Raymond Powell, Laura
 Billy Wayne Powers, Sidney
 Paul Matthew Pozderac, Garfield Heights
 Sandra Lyn Presosky, Maple Heights
 Gary Price, Richmond Heights
 Kenneth David Price, Cincinnati
 Tracey Anne Prokes, Shadyside
 Karen Kay Purdum, Galloway
 Shirley Jeanne Purtell, Leesburg
 Joy Elizabeth Pusti, North Royalton
 Robert E. Pyle, Jr., Alliance
 Susan Kay Quince, Whitehall
 Robert Steven Raab, Cleveland
 Brian Lee Rapp, Granville
 James David Rausch, Columbus
 Timothy Dean Reese, Wapakoneta
 Michael Charles Regulinski, Phoenix, Ariz.
 James Larry Reigle, Coshocton
 Joann Fay Renicker, Fredericktown
 David Arnold Reske, Parma
 Randal M. Reves, Columbus

Nancy Lynn Reynolds, Akron
 Cathi Jane Rice, Mentor
 Kristie Linn Richter, Findlay
 Paul Joseph Ridenour, Columbus
 Janet Lee Rieser, Kettering
 Mary Lucy Rietschlin, Crestline
 Claire Elaine Rigot, Huber Heights
 Patricia Lynn Rinehart, Attica
 Ronald Lee Roach, Marion
 Allen MacDearman Roberts, Lyndhurst
 Patricia Jane Rockwell, Columbus
 Susan Leslie Rodenberg, Cincinnati
 Christopher John Rodgers, Fallston, Md.
 Kathy Ann Rogel, Parma
 James Leroy Rogers, Charleston, W. Va.
 Peter George Rogers, Columbus
 Bradley Brian Rolf, Luckey
 Daniel Patrick Rollins, Reynoldsburg
 Carlo Romeo, Lorain
 Ronald Harvey Rooker, Jr., Whitehall
 Lynell Mae Root, Kettering
 Arthur Aba Rosenfeld, Lyndhurst
 Robert L. Roshon, Whitehall
 Stephen Michael Rourke, Columbus
 Charles Berry Rownd, North Canton
 Beverly Marie Rozsa, Dillonvale
 Frederick Leo Ruess, Wauseon
 Robert Richard Rupp II, Aurora
 Debra Ann Ruthsatz, Sandusky
 Brenda Lee Saffield, Beallsville
 Monica Ellen Salisbury, Parkersburg, W. Va.
 Charles David Sanese, Columbus
 Lorraine Geraldyn Santisi, Girard
 Julie Marie Sapp, Columbus
 Terri Lynn Sarber, Centerville
 Marilyn Ruth Savidge, Columbus
 Patricia Conway Scarborough, Bay Village
 Michael Lewis Schaad, Lima
 John David Schaller, Virginia Beach, Va.
 Cynthia Lynn Schenkel, Mason
 Michael Joseph Schlanz, Shadyside
 Rosemary Sofia Schlecht, Columbus
 Natalie Sue Schleider, Akron
 Robert Alan Schmitter, Seven Hills
 James Gregory Schumacher, Columbus
 Stephen Wayne Schumann, Mansfield
 Brian Schwartz, Cleveland
 Kenneth Eugene Seibert, Wapakoneta
 Eric William Seidel, Reading, Pa.
 Linda Lee Seitz, Lyndhurst
 Brenda Lee Self, Canal Winchester
 Pamela Faith Setnar, Columbus
 Mark Simon Shaker, Niles
 Charles Lee Shaner, Columbus
 Christopher Allen Shealy, Toledo
 Mark Allen Shepard, Bay Village
 Mark Leland Sheppard, Newcomerstown
 Timothy James Sherman, Euclid
 Douglas Bruce Shields, Marcellus, N. Y.
 Mark Steven Shookman, Youngstown
 Carrie Lee Shuster, Euclid
 Patricia Beth Sichel, Columbus
 Ronald Clarence Sicker, Mentor
 Stephen William Siefert, Lancaster
 Adam Marshall Silk, Middleburg Heights
 Robert Mark Simmons, Toledo
 Steven Edward Simon, Canton
 Gary Allen Simons, Wellsville, N. Y.
 Robert D. Sims, North Olmsted
 Lisa Ann Singer, Columbus
 David Michael Sipes, Bucyrus
 Edward Andrei Siska, Columbus
 Jeffrey James Skinner, Columbus
 Philip Wesley Skinner, Columbus
 Richard Cody Skinner, East Haven, Conn.
 Kenneth Mark Slater, Independence

Donald T. Slaughter, Pataskala
 David Charles Slaughter, Elyria
 Mary Lynn Smerek, North Olmsted
 April Lynn Smith, Columbus
 Bradley Noel Smith, Galion
 Dennis Dale Smith, Bucyrus
 Ida Adella Ann Smith, Blacklick
 Isaac Dorsey Smith, Mansfield
 James Robert Smith, Whitehall
 Mary Joan Smith, Columbus
 Michael Allan Smith, Zanesville
 Gregory Clifton Snelson, Akron
 Stephen John Snider, New Albany
 Brian Fredrick Snyder, Parma
 Dwight Ray Snyder, Millersburg
 Jeffrey Charles Snyder, Whitehall
 Jeffrey Dean Snyder, Marion
 Robbin Lynn Snyder, Zanesville
 Robert Ray Snyder, Columbus
 Kim-Hong Soh, Malaysia
 Robert Roy Somogyi, Cleveland
 Richard Paul Soper, Cincinnati
 Mary Ann Sorg, Fremont
 Margaret Ellen Spade, Worthington
 Rachelle Spencer, Cleveland
 Jeffrey Alan Spindler, Clarion, Pa.
 Lorn Mark Spolter, Columbus
 Laurene Monique Springer, Bath
 Lisa Marie Stamets, Painesville
 David William Stanchak, Lorain
 William Gerard Standen, Chesterland
 Jane Mae Standley, Bellefontaine
 Daniel Gregory Stanek, Nashville, Tenn.
 Kelly Ann Stanford, Perryburg
 Charles Joseph Stanislaw, Berea
 Jay Carl Stanley, Columbus
 Louis Allan Stechler, South Euclid
 William Lee Steele, St. Marys
 Barbara Ann Stein, Canton
 Carol Wesley Stephenson, New Philadelphia
 Sandra Lou Steps, North Olmsted
 Merle Edward Stethem, Dublin
 Michael Robert Stetina, Middletown
 Gregory Lee Stevens, Louisville
 Randall Mark St. Laurent, Ft. Lauderdale, Fla.
 Michael Riley Stoeckel, Grosse Pointe, Mich.
 Donald Robert Stoltzner, Park Ridge, Ill.
 Jill Nolan Stone, Columbus
 Daniel Clyde Strayer, Sandusky
 Jack Charles Sullivan, Dayton
 Leonard Michael Sussman, South Euclid
 Kathleen Marie Swain, Columbus
 Diane Sue Swarthout, Columbus
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 Michael Anthony Sweet, Jr., Coshocton
 Kathleen Swift, Niles
 Jannette Louise Sylvester, Cincinnati
 Patricia Ann Tabone, South Euclid
 John Robert Tankovich, Jr., Mentor
 Michael Paul Taylor, St. Clairsville
 Ricky Leroy Teets, Mechanicsburg
 David Michael Terrell, Elyria
 William Thomas Thie, Cincinnati
 John Sanford Thomas, Cambridge
 Sheri Lynn Thomas, Circleville
 Timothy Joseph Thomas, Arcadia, Calif.
 Jacqueline Jean Thompson, Louisville, Ky.
 Robert LeRoy Thrall, Worthington
 Jane Ellen Timar, Canfield
 Mark Howard Timen, Mayfield Heights
 Jamie Brenda Titlebaum, Beachwood
 Randy Jay Tolen, Lyndhurst
 Bradley Wayne Tomlinson, Stewartsville
 Maria Teresa Tonello, Buffalo, N. Y.
 Henry Kie Tong, Christiansburg
 Ted Keller Trabue, Columbus
 Alfonso Thomas Trainer, Wellsville

Joseph John Trivisonno, Mentor
 Laura Louise Trudeau, Columbus
 Deborah Ann Trueman, Columbus
 Douglas Alan Turner, Columbus
 Margaret Lynn Uland, Circleville
 Frank John Uile, Jr., Euclid
 Daniel Howard Umphress, Ada
 Ann Leslie Vandevander, Dayton
 Teresa M. Vavreck, Westerville
 Lisa Diane Vawter, Medina
 Judith Rey Vejlupek, Rocky River
 Ronald J. Vela, Westlake
 Sanford L. Vereb, Columbus
 Damon Martin Vogini, Bedford Heights
 Alan Wayne Vogt, Crestline
 Catherine M. von Clausburg, Pickerington
 James T. Vrabec, Lakewood
 Toni Renee Vrsansky, Columbus
 Terry Lee Wadlington, Circleville
 Cliff N. Wagener, Maumee
 Christopher C. Wallace, Dayton
 Mark Leon Wallace, Mansfield
 Susan Eva Walter, Mansfield
 Stephen Carlton Ware, Fairview Park
 Katherine Marie Warfield, Wauseon
 Allison Jean Warren, St. Louis, Mo.
 Ronald Dwight Warren, Westerville
 Jeffrey J. Watson, Columbus
 Beth Ellen Watts, Massillon
 Robert Louis Wayne, Columbus
 Cynthia Sue Weakley, Newark
 Sue Ellen Weber, Parkersburg, W. Va.
 Caroline Martin Weiland, Sandusky
 Lisa Patrizi Weiland, Ft. Myers, Fla.
 Reinhard George Weiss, New Bremen
 Eric Robert Welker, Defiance
 Jeffrey Alan Wells, Youngstown
 Deborah Kay Welsh, Cadiz
 William Arthur Welt, Short Hills, N. J.
 David Thomas Wesel, Marietta
 Greg Lawrence Westrich, Cincinnati
 Craig Alan Wetterman, Marysville
 James Campbell Wharton, III,
 Madison, N. J.
 Anthony Leon Wheaton, Holland
 Kimberly Sue Wheeler, Lima
 Deborah A. Whiston, Columbus
 Douglas Edwin Wickerham, Columbus
 William Richard Widdoes, Sandusky
 Jeff John Wilbers, Spring Valley
 Stephanie Anne Wiley, Gahanna
 Lori Ann Willett, Mansfield
 Kathy Lynn Williams, Columbus
 Marjorie K. Williams, Bellbrook
 Douglas Keith Willis, South Point
 Scott Marshall Willis, Barnesville
 Donna Jean Willmarth, Broadview Heights
 Gregory Patrick Willoughby, Fairlawn
 Jacqueline Lee Wills, Columbus
 Barbara Ruth Willsey, Cherry Hill, N. J.
 Leslie Renee Wilson, Richfield
 Steven Alexander Wilson, Springfield
 Parris Windham, Mansfield
 Sue Ann Windisch, Oak Harbor
 Kathleen Barr Wittmer, Mansfield
 Lorie Ann Wood, Shadyside
 Michael Ray Woodruff, Urbana
 Silas Wendell Woods, Columbus
 Patricia Nancy Woodward, Chillicothe
 Russell Joseph Wortman, Kenton
 Scott David Wyler, South Euclid
 Cynthia Suzanne Wynd, Greenfield
 Anthony James Xidas, Wilmington
 William Fess Yoerger, Hilliard
 Barbara Lynn Young, Columbus
 James Lawrence Young, Pittsburgh, Pa.
 Mary Lou Young, Columbus

Michael Edwin Yund, Wooster
 Bruce Alan Zaccagnini, Woodsfield
 Nancy Kay Zambell, Columbus
 Michael Joseph Zeleznik, Chardon
 Robert Lee Zeller, Reynoldsburg
 Mark Dominic Zelnik, Lorain
 Michael Conrad Zid, Powell
 Susan Kay Ziegler, Sylvania
 Robert Gregory Zunich, Amherst
 David Mark Zurcher, Columbus

Bachelor of Science in Labor and Human Resources

Steven Jay Baruch, Cleveland
 June Marie Bolzenius, Columbus
 David Alan Dykes, Columbus
 Harvey Arthur Farley, St. Louisville
 Patrick Alan Hukill, Marietta
 Marcella Jones, Toledo
 Kirk Jay McCoy, Reynoldsburg
 Cheryl Janine Meade, DeGraff
 Terence Lee Neal, Coshocton
 Kellyann Norton, Bay Village
 Mari Lynne Oklok, Upper Sandusky
 Lynne Marie Parkinson, Euclid
 Richard Ross Relyea, Chagrin Falls
 David Scott Sims, Columbus
 Gretchen Ann Stroud, Cincinnati
 Rebecca Grace Tancredi, Euclid

College of Agriculture and Home Economics

Dean: Max Lennon

Bachelor of Science in Agriculture

Kimberly Ann Adamson, Beavercreek
 Greg Clayton Allen, Ashland
 Terry Lynn Allmandinger, Ohio City
 Marcie Anne Marie Anthony,
 Cookeville, Tenn.
 Rochelle Rae Arnold, Wellington
 Allen Wayne Auck, Bucyrus
 Douglas Eugene Bahnsen, Oak Harbor
 Amanda Sue Bauer, Chillicothe
 Joseph Waters Beam, Wilmington
 Todd Lee Beckwith, Jefferson
 Carrie Anne Beebe, Lima
 Elizabeth Bower Bell, Columbus
 Diane Marie Benton, Columbus
 Elizabeth Benton, Cincinnati
 Colleen Ann Berk, Brookville
 Linda Ann Bernard, Columbus
 Elizabeth Marie Blubach, North Canton
 Kathleen Ellen Bock, Wilmington
 Timothy Robert Boeck, Jamestown
 Chris Henry Boerger, Ansonia
 George Henry Boerger, Marysville
 Coy Lynn Boroff, St. Marys
 Dennis Lyle Bowsher, Cridersville
 Cassandra Carla Bridges, Copley
 Ronald Joseph Brown, Wapakoneta
 Keith Alan Bryan, Celina
 John Douglas Campbell, Hudson
 James Michael Cantrell, Ludlow Falls
 Jeffrey Alan Carpenter, Bucyrus

Carolyn Elaine Carter, Columbus
 Robyn Janine Carter, Cygnet
 Cameron C. Charles, Homersville
 Brent Eric Clinehens, Maplewold
 Ruth Anna Clinger, Marion
 Diana Lynn Colston, Hillsboro
 Curtis Ransom Cook, Chagrin Falls
 Jeffrey Charles Cox, Lore City
 Caroline Grace Crawford, Ironton
 Kathleen Ann Creager, Cincinnati
 Connie Lynn Crider, Dayton
 Peter Alan Crout, Trenton
 Charlene Culp, Pleasantville
 Glenna Gail DaCosta, Tampa, Fla.
 Thomas Kevin Day, Reynoldsburg
 Carl Paul DeBruin, Circleville
 Timothy Lee Demland, Holgate
 James Scott Detling, Union City, Ind.
 Sallee Ann Digonno, Fairfield
 David Michael DiVencenzo, Grafton
 Cynthia Louise Dodson, Lakewood
 Michael Gerard Donnelly, Cincinnati
 Daniel David Dull, St. Henry
 Robert Bruce Duncan, Jr., Columbus
 Caryl Nadine Elliott, Baltimore
 James Joseph Emmenecker, Toledo
 Susie Anna Evans, Marysville
 Alan Lee Fetters, St. Marys
 Felice Jo Anne Fike, Cleveland Heights
 Carol Anne Finger, Buffalo, N. Y.
 Kevin John Forrest, Marysville
 David John Frahm, Celina
 Andrew Clayton Frederick, Westerville
 Thomas Daniel Glasener, Springfield
 James David Glavan, Minerva
 Lydia Ann Glick, Beach City
 Peter Daniel Goldsmith, Lambertville, N. J.
 Richard Delmore Goodwin, Wilmington
 Steven Jon Gratz, Bluffton
 Julie Lynn Graw, Wooster
 John Floyd Grimes, Decatur
 Penelope Lynn Gritt, Red House, W. Va.
 Ronald Paul Grusenmeyer, Dayton
 Lisa Lorraine Gunlock, Chillicothe
 Kathleen Ann Gutheil, Grove City
 Mark Alan Haar, Elmore
 John Rollin Hadley, Newburyport, Mass.
 Paul Forrest Haines, Montpelier
 Kathy Lee Hamilton, Westlake
 Geoffrey Scott Hardin, Cincinnati
 Timothy Lee Harpster, Harrod
 Timothy Edwin Harsh, Radnor
 Kathryn Ann Harting, Euclid
 David Samuel Harvey, Cardington
 David Marcelin Hastings, La Rue
 Bernard John Heimos, St. Louis, Mo.
 Randall Dean Helt, Mt. Gilead
 Thomas Patrick Hennessy, Bellefontaine
 Daniel Albert Herms, Columbus
 William Michael Bernstein, Dayton
 Tracy Ann Hicks, Kettering
 Karen Sue Holt, Wellington
 Clayton Ronald Hooper, Dresden
 Robin Lynn Hubbuch, Yellow Springs
 David Richard Hull, Canfield
 Gary Leigh Hutchison, Xenia
 Daina Ieva Ievins, Cleveland
 William Richard Indoe, Lodi
 William Payton Isler, Windham
 Dana Hunter James, Cincinnati
 Richard George Jandrey, Richfield
 Lisa Rae Jarrett, Westerville
 Corinne Faye Johnson-Glebe, Columbus
 John Edward Johnson, Orrville
 Joanne Siciliano Jones, Burton
 Lawrence Raymond Jones, Jefferson
 Christopher Michael Joyce, Houston, Tex.

Eileen Therese Kellner, Cleveland Heights
 Ronald Paul Kinehan, Columbus
 Andrea Susan Klubnik, North Royalton
 Mark William Knapp, Franklin Furnace
 Phillip Evans Koontz, Newark
 Edwin Merl Kraft, Dola
 David Todd Kranz, Shiloh
 Michael Ralph Kraus, Sandusky
 Lucy Bernadette Kreimer, Cincinnati
 Phillip Norman Krueger, Medina
 Michael Anthony Paul Kula, Avon Lake
 Kenneth Guy Kuryla, Stow
 Terisa L. Lacey, Worthington
 Maria Lynn Lager, Cincinnati
 Charles Stephen Laird, Richmond
 Linda Jean Lausin, Thompson
 Lisa Ann Lautermilch, Upper Sandusky
 Arnold Ira Leeb, Pickerington
 Orrin Alfred Leimbach, Vermilion
 Thad Alan Lichtensteiger, Ohio City
 Werner Allen Lobert, Cincinnati
 Kurt Norman Loudenback, Urbana
 Debra Sue Loy, Lancaster
 Lori Kathleen Lutz, St. Marys
 Terry Keith Madden, Reynoldsburg
 Keith Joseph Manbeck, Columbus
 Steven Perry Manos, Gahanna
 Barry Miles Marlow, Grand Rapids
 Thomas Edward Marx, Dayton
 Mark Marvin Mason, Marengo
 Pamela Sue Matthews, Xenia
 Jerry L. McBride, Dola
 Daniel Timothy McCann, Cleveland Heights
 Daniel Jackson McCauley, Columbus
 John Clifford McCreary, Canfield
 Gregory Thomas McLaughlin, Columbus
 Karen Alice McMillan, Wilmington
 Marguerite Carol Meade, Columbus
 Barbara Ann Meese, New Philadelphia
 Tina Robin Mellinger, Jerusalem
 Paul Robert Mellott, Beaverville
 Robert Bruce Merion, Gahanna
 Peter James Meyerhoefer, Litchfield
 Kurt Grady Michael, Urbana
 Jeffrey Paul Miller, Sunbury
 John Charles Miller, London
 Kelly Sue Miller, Wakeman
 Ronnie Bradley Moffitt, Urbana
 Nancy Darlene Moore, Frazeyburg
 Charles Thomas Moxley, Barnesville
 Kurt Raymond Moyer, Massillon
 William Brook Muntzing, Chillicothe
 Jeffrey Allen Murphy, Wilmington
 Robert Thomas Murphy, Delaware
 Nancy Lynn Musser, Lancaster
 Rebecca Anne Nagley, Columbus
 Kenneth Patrick Nephew, Cincinnati
 Jeanne Mae Norton, Bradford
 Melinda Jane O'Briant, Bucyrus
 John Gaetano O'Neill, Cincinnati
 David Kelley Orr, Chillicothe
 Jeanne Marie Osborne, Columbus
 Kirk Gordon Perkins, Huber Heights
 Mary Ellen Pesek, Independence
 Bryan Lee Philbrook, Cardington
 Kent Charles Phillips, East Liberty
 Mary Anne Pihl, Marietta
 Sandra Jo-Jodi Plummer, Wilmington
 Tina Kay Plymale, Sabina
 Pamela Sue Polster, Toledo
 Regina Marie Prange, Columbus
 Mark Brian Rader, Navarre
 Heinz Dieter Raidel, Westerville
 Elaine Jennifer Rauch, Little Hocking
 John Bernard Rauch, Little Hocking
 Ronald Theodore Rausch, Plain City
 Richard William Reeder, Genoa

Philip Aldo Reginelli, Cincinnati
 Gregory Allen Reinhart, Tiffin
 Charles Aaron Reynolds, Mt. Vernon
 David Joseph Reznik, Columbia
 Gregory Andrew Rhoads, Akron
 Mark Paul Riehl, Clyde
 Bonnie Loa Roberts, Wadsworth
 Clark Adrian Roberts, Wilmington
 Keith Richard Rohrer, North Canton
 Roy Dean Roller, Medway
 Douglas Paul Scheiderer, Plain City
 Carlton John Schlatter, Defiance
 Michael Dean Schonauer, Coshocton
 Stephanie Lynn Schroeder, Cincinnati
 Mark William Seigfreid, Sebring, Fla.
 Eric Todd Shank, Dayton
 Daniel Clyde Sheasby, Columbus
 David Ira Shoup, Orrville
 Jeffery Scott Shoup, Caststown
 Amy Vicker Siegfried, Cincinnati
 Jennifer Wendy Sisco, Woodstown, N. J.
 Edwin Dean Skidmore, Dunkirk
 James Robert Skinner, Logan
 Robert Worthington Slater II, Millersport
 Jeffrey Raymond Smiley, Solon
 M. Lewis Smith, Napoleon
 Tammie Lynn Smith, Columbus Grove
 Jeffery Alan Sprungl, Columbus
 Kenton Lee Stacy, Blacklick
 Bryan Keith Starner, Logan
 Mary Lee Stauffer, Ashland
 Kathleen Elizabeth Stickel, New Carlisle
 Ron Cramer Stillings, Richmond
 Neil Curtis Swonger, DeGraff
 James Eric Tanner, Zanesville
 Suzanne Carole Terrant, Sunbury
 Lisa Kaye Thompson, Rittman
 Todd William Thompson, White Cottage
 Kimberly Blair Thurmond, Hilliard
 Ann Marie Tomazic, Fairview Park
 Dana John Tomlinson, Ravenna
 Alan Dean Tumbilin, Fresno
 Karen Lynn Utrecht, Oregonia
 Jack Michael Ule, Richmond Heights
 Diana Suzette Usery, Columbus
 Ted Phillip Vlahos, Columbus
 James Edward Wagner, Upper Sandusky
 Brian Robert Ward, Urbana
 John Raymond Wargowsky, Marion
 Cynthia Renee Warren, Bluffton
 Brian Howard Watkins, Kenton
 Glenn Clifford Weaver, Batavia
 Robert John Wendell, Saugus, Mass.
 Dale Lee Wesp, Cincinnati
 James Daniel West, Dalton
 Jay Brian Wilson, Springfield
 Christina Jo Winget, Columbus
 Douglas Glenn Woodburn, Columbus
 John Foster Woodman, Columbus
 Renard Woods, Maple Heights
 Andy Craig Work, Mentor
 Sandra Joy Yelic, Medina
 Denise Ann Zarembka, Akron
 Joseph John Zimmer, Columbus
 Lawrence Carl Zimmerman II,
 North Lawrence
 Rickey Thomas Zuber, Hicksville

Bachelor of Science in Food Science

Klaudia Gaye Esmonde, Mendon
 LeAnn Sue Eyerman, Orient
 Carol Christine Hirschfeld, St. Marys
 William Lloyd Kerr, Columbus
 Mary Alice Keyes, Cleveland
 Steven Leslie Lazar, North Olmsted
 Michael Joseph Rankin, Columbus
 Calvin Phillip Reynolds, Maple Heights

Bachelor of Science in Food Technology

Tammy Jean Burns, New Plymouth
 Nancy Ann Caldart, Brecksville
 Hope Elaine Hart, Belmont
 Shari L. Plimpton, Grove City

Bachelor of Science in Nutrition

Dawn Elaine Gibboney, Columbus
 Walter Edward Glenn, Columbus
 Elaine Celia Knoll, Dayton
 Michael David Landes, Bucyrus
 Howard William Levitin, Toledo
 Christine Marie Wallace, Campbell
 David Lee Whitmer, Columbus

School of Home Economics

Bachelor of Science in Home Economics

Leslie Mira Abramowitz, Dayton
 Ronda Lafern Alexander, Chagrin Falls
 Linda Kay Amos, Upper Sandusky
 Carolyn L. Andes, Rocky River
 Lori L. Appel, New Philadelphia
 Patricia E. Barbee, Grove City
 Carol Susan Barnes, Marion
 Michele D. Baskerville, Charleston, S. C.
 Wendy Patricia Bastiani, Gallipolis
 Jannice Irene Bayliss, Rushsylvania
 Joan Elizabeth Berelsman, Spencerville
 Cathy Lynn Bilsing, Galion
 Kelly Leigh Birdwell, St. Marys
 Cynthia Lee Boling, Mansfield
 Christine Anne Bordas, Worthington
 Marybeth Buttress, Columbus
 Ann Elizabeth Clark, Johnstown
 Carol Ann Clark, Columbus
 Courtney Ann Clarke, Columbus
 Jill Marie Clemens, Lima
 Russell John Currie, North Royalton
 Mary Lee Deakins, Verona, Pa.
 Peggy Lynn Dearth, Columbus
 Diane Lee Donolo, Columbus
 Victoria Elizabeth Drumm,
 New Philadelphia
 Lori Jane Dulworth, Wadsworth
 Carol Lee Dwyer, Parma
 Judy Ann Eberly, Piqua
 Karen Lynn Elekes, Columbus
 Delores Marie Elwell, Newark
 Kay Ann Ernsthansen, Luckey
 Jenny Cooke Everett, Zanesville
 Margaret Mary Fleming, Columbus

Terri Lynne Fyock, Reynoldsburg
 Marsha Jo Galloway, Hudson
 Lynne Marie Girard, Worthington
 Tina Marie Gologram, Columbus
 Suzanne June Haffner, Ft. Washington, Md.
 Elizabeth Anne Hannah, Columbus
 Christine Denise Harder, Kenton
 Sharon Kay Hartley, Sabina
 Kathy Sue Hawk, Lucasville
 Kathie Louise Hayden, Newark
 Elizabeth Ann Hearn, Cincinnati
 Rosemary Adelaide Hess, Cincinnati
 Pamela Sue High, Lexington
 Diane Fern Himelright, Cuyahoga Falls
 Deborah Ann Hofferberth, Dayton
 Ingrid Anita Holzwarth, Mansfield
 Melissa Ann Hoover, Millersport
 Hayatannisa Ibrahim, Malaysia
 Michele Lynn Jaczesko, Mentor
 Julie Ann Kahle, Cloverdale
 Lindsay Sue Keck, Powell
 Stacy Ellen Kertesz, Beachwood
 Cathleen Lillie King, Bucyrus
 Terence Edgar Kinser, Columbus
 Kimberly Dawn Koehl, Carroll
 MaryAnn Konecsny, Satellite Beach, Fla.
 Tracy Paulette Kraus, Lodi
 Lisa Lynn Kuhnheim, Worthington
 Julie Marie Lewis, Fostoria
 Kimberly Fraser Lowe, Cincinnati
 Joanna Lund, Middletown
 Kathleen Ann Mahoney, Wapakoneta
 Angela S. Mattingly, Zanesville
 Cecilia J. Mattingly, Zanesville
 Deborah Lynn McLaughlin,
 Highland Heights
 Susan Marie McLean, Canton
 Amy Lynn Middleton, Xenia
 Joanie Louise Milne, Middleburg Heights
 Nina Christine Montague, Rossford
 Sheryl Ann Myers, Columbus
 Linda Kay Palof, North Royalton
 Cheryl Lynne Parish, Dublin
 J. Melissa Pastre, Dillonvale
 Barbara Bucklin Payne, Columbus
 Melanie Marie Perillo, Westlake
 Mary Eugenia Pilliod, Swanton
 Kathleen Mary Stanberry Potts, Columbus
 Kathleen Michelle Rankin, Kenmore, N. Y.
 Elizabeth Ann Rees, Columbus
 Vanessa Dawn Resler, Columbus
 Kimberly Lynn Riehle, Gahanna
 Jayne Anne Robb, Centerville
 Victoria Muir Roberts, Parma
 Jacqueline Ann Roche, Columbus
 Mary Kathleen Sanders, Toronto
 Jocelyn D-Ann Sawyer, Columbus
 Debra L. Schar, Sterling
 Tammy Hoshor Scheidegger, Baltimore
 Rhonda Lynn Schellhaas, Galloway
 Christina Marie Schiavoni, Amherst
 Christine M. Schlegel, Canton
 Kim A. Schlichting, Callicoon
 Amy Carol Scurich, Canfield
 Janice Faye Shanahan, Columbus
 Barbara Ann Shaw, Columbus
 Louann Alicia Snezek, Martins Ferry
 Lisa Beth Solomon, Pepper Pike
 Pamela Marie Stammen, Burkettsville
 Jennifer Ann Stoll, South Euclid
 Linda Elizabeth Strow, Columbus
 Kathy Ann Szostak, Methuen, Mass.
 Carmela Ann Tancredi, Euclid
 Christine Ann Taylor, New Holland
 Donna Gale Taylor, Columbus
 Lisa Susan Thompson, Columbus
 Anne McGuire Tipton, Portsmouth

Marilyn Kaye Trefz, Waldo
 Gretchen Ann Triftshauer, Batavia, N. Y.
 Rebecca Marie Turner, Columbus
 Ann Clark Vendel, Mentor
 Carol Jean Von Gruenigen, Kettering
 Tracy Ellen Walton, New Philadelphia
 Ellen Suzanne Warnes, Wooster
 Joyce Lynn Wensink, Monroeville
 Jolene Marie White, Big Prairie
 Lisa Haynes Windle, Columbus
 Teresa Ann Wycinski, New Lexington

Bachelor of Science in Nutrition

Janet Lynn Bolina, Campbell
 Wendelin Ann Burdo, Whitehouse
 Cathleen Ann Labate, Akron
 Sarah L. Peterson, Worthington
 Linda Lee Upp, Portsmouth

Bachelor of Science in Restaurant Management

Thomas Alan Buchanan, Olmsted Falls
 Harold Edward Daugherty, Euclid
 James Richard Hopton, Worthington
 Kelly Ann Hull, Galion
 Barry David Spitzer, Sandusky
 Kathleen A. Swanson, North Olmsted

School of Natural Resources

Bachelor of Science in Natural Resources

David Elwyn Adkins, Carroll
 Dean John Alanko, Jefferson
 Dean Joseph Arnold, Waterford
 Daniel R. Balser, Burton
 Steven Randall Bank, Gahanna
 Linda Carol Battison, Broadview Heights
 David William Baxter, Van Wert
 Jodi Ann Beckman, Celina
 Thomas Edward Berneike, Bay Village
 Steven Todd Boettger, Cincinnati
 William Allen Bolzenius, Columbus
 Victoria LaRene Bower, Galena
 Michael Ferdinand Bowers, Columbus
 Howard Sidney Bowns, IV, Tampa, Fla.
 Elizabeth Ann Brewer, Tipp City
 Carol Louise Brouillette, Mt. Vernon
 Robert Charles Burns, Martins Ferry
 Jeffrey Dayel Burris, Cambridge
 Karen Sue Burrows, Dayton
 Pamela Jo Burton, Bellefontaine
 Bradley Glenn Carter, Ashland
 Kevin Christopher Clouse, Tiffin
 Glen Alan Cobb, Columbus
 John Arthur Cooper, Toronto
 Jeffrey Alan Cowgill, Columbus
 Gregory Charles Cravatas, Medina
 Mark Anthony Crider, Mansfield
 Linda Marie Dannemiller, Wadsworth
 Steven Douglas Deardorff, Kenton

Sherry Jean DeFelice, Cincinnati
 Katherine B. Dewey, Columbus
 Timothy Carl Dobriansky, Cleveland
 Linda Grace Drab, Cleveland
 Joy Elizabeth Penton, Sandusky
 Ronald Rae Fowler, Amherst
 Steven Edward Galliers, Bryan
 Mark Edward Giese, Montgomery
 Lauren M. Gifford, Broadview Heights
 Timothy Ray Gillman, Harrison
 Bradley Stewart Hansen, Peninsula
 Donald Robert Harding, Jr., Mansfield
 Scott Richard Hass, Columbus
 Richard Herman Helmchen, Cincinnati
 Paul Morgan Herbert, II, Columbus
 Peter Alan Herr, Chagrin Falls
 Michael Allen Hiener, Marietta
 William Francis Hoffman, Columbus
 Timothy Vincent Houtger, Columbus
 Daniel Lee Imhoff, Cincinnati
 Nancy Anne Johnson, Worthington
 Timothy Howard Johnston, Hamilton
 Kevin Adam Kayle, Kent
 Carol Mae Kennedy, Tiffin
 Jeffrey Dale Kibler, Strongsville
 Cheryl Lee Kimerline, Bucyrus
 Marianne C. Kreidler, Youngstown
 Raymond Scott LaShier,
 Wading River, N. Y.
 Robert Charles Lathrop, Columbus
 *Paul Dwire Linn, Jr., Bucyrus
 Larry Lee Lowery, Columbus
 David Charles Maggio, Dayton
 Carla S. Mayers, Columbus
 Robert Joseph McDade, Jr., Rocky River
 Heather Dawn McElfresh, Cincinnati
 Daniel Wade McMillen, Tippecanoe
 Thomas Bertram Murley, Columbus
 Maureen Cecilia Newkold, Dayton
 Victoria Lynne Pfeifer, Columbus
 Amy Janine Plymale, Grove City
 Catherine Mary Pokrandt,
 Middleburg Heights
 Anita Anne Poorman, Hinckley
 Mark Louis Pucci, Massillon
 Scott Allen Raymond, South Vienna
 William Robert Reiner, Jr., Carroll
 David Paul Remy, Lexington
 Paul Douglas Ries, Columbus
 Richard Joseph Riski, Wickliffe
 Leigh Ann Robertson, Columbus
 James Michael Roshetko, Cleveland
 Lori Barnett Ryan, Columbus
 Thomas Vincent Sansalone, Cincinnati
 Nicholas James Schibi, Cincinnati
 Laura Katherine Schlier, Kinston, N. C.
 Philip Leo Schroeder, Leipsic
 Kathryn Lynn Shipley, Akron
 Joseph Patrick Smith, Maumee
 Martin Alan Spetich, Mayfield Heights
 Jeffery Allen Stanhope, Chillicothe
 Vivian Lee Stockman, Akron
 Monica Ellen Taylor, Columbus
 RuthAnn Thrailkill, Toledo
 Stephen Clark Thurman, Columbus
 Terrence Michael Toon, Columbus
 Theodore Harold Verhoff, Ottawa
 Anthony Joseph Vidmar, Kirtland
 Cindy Lee Weinheimer, Cincinnati

* Awarded posthumously

Sandra Lee Whisler, Kirtland
 Robin David Wills, South Amherst
 Erin Kay Wilson, Nashports
 Barbara Lynn Wood, Lyndhurst
 James Timothy Wood, St. Bernard
 Jennifer Yeager, Columbus
 Sam Edward Yee, Cleveland

Agricultural Technical Institute-Wooster

Associate in Applied Science

Pauline Danette Anderson, Frazesburg
 Carol Ann Apicella, Hudson
 Susan Marie Barnes, Lorain
 April Lyne Bates, Columbus
 Robert Eugene Battisti, Jr., Novelty
 Ronald William Baumann, Amherst
 Gladys Marie Beaschler, McCutchenville
 William Alan Becks, Westlake
 Charles Dean Bell, Oregon
 Robert Eugene Bender, St. Marys
 Debra Bisel, Shelby
 Michelle Ann Boes, Defiance
 Duane Douglas Borgelt, Shelby
 Brice Olsen Bowman, Elmore
 George Bernard Briel, Jr., Youngstown
 Stanley Marc Brockman, Granville
 Richard Monroe Bryson, Tallmadge
 Scott Carroll Canfield, Wooster
 Jeffrey Joseph Carson, Girard
 Larry Robert Cisler, West Salem
 Thomas Martin Clelan, Wooster
 Kenneth Lester Coleman, Hamilton
 Malcolm Andrew Creager, Westerville
 Brad Alan Cronebach, Ashland
 Dale Joseph Daniels, New London
 Mac E. Darnell, Madison
 Jeffrey Kent Dawson, Louisville
 Kevin R. Decker, Louisville
 James Michael DelPrince, Ashtabula
 Anne Marie Dilworth, Troy
 Richard A. Doty, Kent
 Kevin Alan Fenton, Newcomerstown
 Jeffrey Charles Fontaine, Oxford
 Mark John Foss, Solon
 Travis Keith Garrett, Laurelville
 Jerald Alan Garver, Ney
 David Dwight Gorrell, Waterford
 Wayne Clayton Gray, Bentleyville
 Christopher L. Griffin, Oak Harbor
 Linda Carole Grove, Alexandria, Pa.
 Michael William Hane, Louisville
 Bryan Leo Hawk, Lima
 Roxie Irene Haynam, Minerva
 Mary Ann Heilman, London
 Matthew George Hofelich, Fremont
 Rebecca Brayton Hoffman, Shaker Heights
 Jeffery Wayne Holdman, Findlay
 Douglas Alan Howe, Newark
 Jon Michael Hulsmeier, Anna
 Patrick Edward Hupp, Kingston
 Elizabeth Suzan Johnson, Goodrich, Mich.
 Craig Alan Jones, Grelton
 Daniel Elias Karam, Cuyahoga Falls
 Luanne Kendall, Frankfort

Matthew Paul Kromer, Sandusky
 Sue Ann Lassnick, Painesville
 Melinda Lee Leight, Middletown
 Kevin E. Lehnhart, Lucas
 Karen Suanne Leunk, Apple Creek
 Kevin Wyatt Lilly, West Salem
 Mary Louise Lindsay, Canton
 Mark Alan Lugbill, Columbus Grove
 Roy William Mangun, Carrollton
 Danelle Marie McCallum, Akron
 Karen Marie McGoron, Cincinnati
 Philip Francis Mendiola, Barberton
 Holly L. Messick, Granville
 Shawn Andrew Michalec, Akron
 Elizabeth Ann Mockler, Milan
 Scott Andy Mohr, Bakers Summit, Pa.
 Jane Ellen Moloney, Sidney
 Bradford James Montgomery, Deerfield
 Dianne Lynn Moore, Newark
 John David Morand, Wilmington
 David Robert Mushalek, Barberton
 Patricia Ann Nemitz, Lakewood
 Douglas Alan Nickels, Loudonville
 Ralph Carlo Noletti, Wooster
 Jody Lynn Offenberger, Grafton
 Michelle Lynn Ott, North Canton
 Curtis Howard Painter, Hebron
 Scott Michael Patrick, Kingston
 James R. Patton, Belle Center
 John Thomas Patton, New London
 Kirk Allen Petroff, Alliance
 Patrick George Place, Dayton
 Ellen Ruth Powell, Charleston, W. Va.
 Dennis Alan Pringle, Big Prairie
 Robert E. Pritchard, Mansfield
 Timothy Lee Ramsier, Marshallville
 James Dwight Rice, West Mansfield
 Mark Alan Rose, Forest
 Douglas Duane Roth, Mt. Pleasant, Iowa
 Paula Dale Rowland, Newark
 Connie Ruth Rummell, New Philadelphia
 Lisa Rose Salyer, Grove City
 Randy Robert Samko, Parma
 Pamela Jean Scheetz, Millersburg
 Lynda Jean Schilling, Farmersville
 Nicki Ann Schmitt, Sylvania
 Bryan James Schmucker, Louisville
 David Earl Shock, Prospect
 Brian Keith Siler, Ashland
 William Todd Smith, Greenwich
 Susan Pauline Specter, Cincinnati
 Martha Lynn Springsteen, Lodi
 Mark Kevin Steiner, Dalton
 Brent Duane Stephenson, Lucas
 Duane Montgomery Stertzbach, Uniontown
 Dana Lynn Stewart, Twinsburg
 David Mandel Stinson, Seville
 Michael Charles Stockmaster, Attica
 Karla Rae Sturman, Mansfield
 Gail Robert Swords, Huron
 David Eugene Szalay, Cleveland Heights
 Sherry Ruth Tarantino, Wooster
 Frederick William Traxler, Tiffin
 Janet Lynn Trifonoff, Akron
 Patrick Lee Waldo, Attica
 Christine Louise Warren, Bluffton
 Thomas Garrett Weidner, Sterling
 Marty Lee Wendt, Fremont
 Brad Lee Westrope, Mansfield

Jeffrey Allen Willoughby, Burgoon
 Tyler Timothy Wilson, Springfield
 Frederick Bernard Winther III, Cincinnati
 Clayton George Woodhall, Medina
 Timothy Wayne Woods, Circleville
 Joseph Monte Wright, Newark
 Winston L. Wyckoff III, Burbank
 Francis Dean Zimmerman, Lowellville
 Nancy Jo Zimmerman, Ashland
 René Zioli, Cleveland
 Jane Estelle zurBurg, Grandledge, Mich.

College of Dentistry

Dean: William R. Wallace

Doctor of Dental Surgery

Anthony David Adamo, Seven Hills
 B.S. (John Carroll University)
 Richard Clayton Adams, Toledo
 Solon Alexiou, Akron
 B.S.
 Jean A. Allen, Cincinnati
 B.S. (Xavier University)
 Marla Jean Allen, Mt. Orab
 A.S., B.S. (Xavier University)
 William Charles Anderson, Ashland
 B.S.
 Kenneth L. Andow, Mentor
 Nancy Eileen Arbogast, McComb
 Daniel Raymond Armeni, Youngstown
 B.E. (Youngstown State University)
 Robert Scott Bacon, Lorain
 B.A. (Wittenberg University)
 Peter Douglas Balega, Cleveland
 Robert Bruce Banchevsky, Columbus
 B.S.
 Norman Keith Barbone, Mansfield
 B.S.
 Joyce Lila Bassett, Toledo
 B.A. (University of Toledo)
 Jeffrey Sumner Baxter, Van Wert
 B.S.
 William Scott Begalla, Youngstown
 B.S. (John Carroll University)
 Edward Alexander Belkin, Columbus
 B.S.
 Charles William Bell, Cincinnati
 B.A. (Vanderbilt University)
 David Chambers Bell, Jr., Cincinnati
 B.A. (Vanderbilt University)
 Alexander Usher Bierman,
 Los Angeles, Calif.
 B.A. (U.C.L.A.)

Gregory Mark Blackstone, Presque Isle, Me.
B.S. (Houghton College)

Gary Robert Blumberg, Lorain
B.S.

Deborah Elizabeth Brevitz,
Battle Creek, Mich.
B.S. (University of Michigan)

Judith Sharon Bright, Loudon, Tenn.
B.A. (University of Tennessee);
M.S.

Champ Coy Brown, Cincinnati
B.A. (Northwestern University)

David Theodore Brown, Lima
B.S.

Rickey James Burger, Dayton
B.S. (Wright State University)

Richard H. Burns, Jr., Troy
B.A. (Miami University)

Thomas J. Burrell, Richmond, Ind.
B.A. (Indiana University)

Susan Elaine Butt, New Carlisle
B.A. (Miami University)

Timothy Peter Cadden, Canton
B.S.

Louis Michael Carratola, Parma Heights
B.S. (John Carroll University)

Robert Otto Caseldine, Dayton

Stephen Emil Cellier, Port Clinton
B.A. (University of Toledo)

Jeffrey Michael Chauvin, Norwalk
B.A. (Miami University)

Victor Brian Ciancetta, Steubenville
B.S.

Starla Dagel Clark, Cincinnati
B.S. (University of Iowa)

Matthew A. Clemens, Middletown
B.A. (Miami University)

Van Scott Cogley, Pittsburgh, Pa.
B.S. (Lock Haven State College)

Dante Colosimo, Columbus
B.S.

John Raymond Conte, Akron
B.A. (University of Toledo)

Gregory Sean Cousino, Columbus
B.S.

David Wesley Crandall, Xenia
B.S.

Adele Fauth Daily, Huron
B.A. (University of Hamburg—
West Germany);
B.S. (Bowling Green State University)

Anthony Joseph DeCamillo, Ashtabula
B.S. (Case Western Reserve University)

Dwight David Dessart, Cincinnati
B.S., M.B.A. (Xavier University)

Kevin James DiStefano, Sea Cliff, N. Y.
A.A. (Nassau College);
B.S. (C. W. Post College);
M.S. (Long Island University)

Patricia A. M. Doyle, Cincinnati
R.D.H., B.S.;
M.P.H. (University of Michigan)

William Edward Dragolich, Euclid
B.S. (John Carroll University)

Thomas Edward Earley, Minster
B.S.

Phillip Elmo, Youngstown
B.S.

Brian Norman Feeney, Bryan
B.S.

Timothy Ference, North Olmsted
B.S.B. (Miami University)

William Henry Floyd, Hamilton
B.A.

Joseph John Fonagy, Masury
B.S. (Youngstown State University)

Mark Robert Ford, Columbus
B.S. (Providence College)

James Randall Franklin, Peebles
B.S.

Tamila Lynn Franklin, Peebles
B.A.

Bruce Allen Fraser, Steubenville
B.S.

Michael John Freeman, Pemberville
B.S. (Heidelberg College)

Billie Sue Fritz, Frostburg, Md.
B.S.

John R. Fuson, Crestline
B.S. (Lee College)

Michael A. Galgozy, Willowick
B.S., M.S. (Cleveland State University)

Kevin Gannon, Pittsburgh, Pa.
B.S.

Douglas Gilbert Genninger, Cincinnati
B.S. (Miami University)

Fred Steven Glick, Beachwood
B.A. (Boston University)

Louis Anthony Gloriosio, Sagamore Hills
B.S. (John Carroll University)

Cary Neil Goldstein, Shaker Heights
B.A. (University of Toledo)

Michael M. Granata, Toledo
B.A. (University of Toledo)

Margarete Haiss, Alliance
B.A. (Kenyon College)

Barbara Anne Hanson, Columbus
B.S. (State University of New York at
Stony Brook)

James Francis Helmkamp, Akron
B.S. (University of Akron)

Thomas Alban Herberger, Wellington
B.G.S. (University of Kentucky)

Edward Charles Herman, Gahanna
B.S.

Thomas Eugene Hoffman, Columbus
B.A. (Ohio Wesleyan University)

Gregg Bernard Holtkamp, Cincinnati

Kay Spriestersbach Hoppers, Columbus
R.D.H.

Jeffrey Colin Huber, Piqua
B.A. (Duke University)

Joseph Lawrence Hutta, Poland
B.S.

Terence A. Imbery, Genoa
B.A. (St. Joseph's College of Indiana)

Michael Alan Jack, Wadsworth
B.S. (University of Akron)

Richard Lewis Jackson, Oberlin
B.A. (Miami University)

James William Jelinek, Jr., Lancaster
B.S. (Ohio University)

David Morris Johnson, Xenia
B.S. (George Williams College)

Richard Edward Johnson, Fairfield
B.S.

Debbie Ann Juruz, Austintown
B.S.

Mark William Kaho, Columbus
B.S. (Muskingum College)

Wade A. Karhan, Orrville
B.S. (University of Akron)

Sanjiv Mohan Kaul, Tallmadge
B.A. (Oberlin College)

Paul Michael Kelley, Akron
B.A. (University of Notre Dame)

Gary Allen Kennedy, South Point
B.S. (Marshall University)

Larry David Kennedy, South Point
B.S. (Marshall University)

Robert Vincent Kinney, Jr., Columbus
B.S., M.S.

John William Kisner, Medina
B.S.M.E. (Colorado State University)

Monica Ann Knue, Cincinnati
B.A. (University of Detroit)

Lawrence Anthony Lambroia,
East Northport, N. Y.
B.A. (Hofstra University)

Craig Carlton Lanik, Uniontown
B.S. (Kent State University)

Kevin Michael Larkin, New Lebanon

Alan Louis Laub, Cincinnati
B.S.

Walter Robert Leonard, Logan
B.M.E., M.A.

Mark M. Lima, Worthington
B.S.

Beth Anne Loew, Toledo
R.D.H., B.S.

Fredrick Alan Lurie, University Heights
B.A. (Miami University)

John Dee Lyons, Rocky River
B.A. (Ohio Wesleyan University)

Ihor Mahlay, Parma
B.S.

James Robert Male III, Wintersville
B.S.

Adele Marcotuli, New Castle, Pa.
B.S. (Westminster College)

John Michael Marque, Lancaster
B.S.

James Trenton Mathias, Warren
B.S.

Carl Robert Maurer, Jamestown, N. Y.
B.S. (John Carroll University)

William Kirk Mayhew, Cleveland
B.A. (Adrian College)

Dale E. McDonald, Brookville
B.S. (Brigham Young University)

Scott Louis McDonald, Elyria
B.S.

Gordon James McKay, Long Beach, Calif.
B.A. (California State University at Long Beach)

Scott Thomas McPherson, Cincinnati
B.S. (Vanderbilt University)

Marc Warren Michalowicz, Brooklyn, N. Y.
B.A., M.Sc. (Brooklyn College of City University of New York)

Mark Alan Miely, Columbus
B.A. (Wittenberg University)

Linda Sue Might, Canfield
B.A., B.A. (Wittenberg University)

Allan John Milewski, Seven Hills
B.A. (Miami University)

Richard Jon Miller, Rocky River
B.A. (The College of Wooster)

Frederick William Mitchell, Gordon Heights, N. Y.
B.S. (Dickinson College)

Shawn Richard Nally, Troy
B.A. (Miami University)

Raymond John Nicol, Alliance
B.S.

John W. Novotny, Mingo Junction
B.A. (University of Dayton)

Casey Louis O'Connor, LaSalle, Mich.
B.S.

Elizabeth A. Odenweller, Delphos
A.S. (West Liberty State College);
B.S.

Frederick Blackburn Olsen III, Warren
B.A. (Wittenberg University)

Michael James O'Meara, Deerfield, Ill.
B.S. (Marquette University);

John Martin Oris, Gallion
B.S.

Charles M. Pap, Lyndhurst
B.S. (John Carroll University)

Robert Allen Paradis, Fort Kent, Maine
B.S.

Robert W. Payne, Cincinnati
B.S.

Rodney Duane Phoenix, Barberton
B.A.

Urban Michael Picard, Connaught
B.S. (John Carroll University)

Harold Mark Pinsky, Toledo
B.S.

Edward Joseph Pollander, Vernon
B.S.

Bradford James Porter, Moorestown, N. J.
B.S. (Saint Lawrence University)

Gregory Dean Prater, South Point
B.S. (Marshall University)

David Alan Pressler, Barberton
B.A.

Bradley Stephen Rabal, Bellville
B.S.

David Alton Ray, Columbus
B.S., M.S.

Robert Ryan Reihm, Long Beach, Calif.
B.S. (University of California at Irvine)

Christopher Alan Roberts, Lima
B.S.

Judy Ann Robinson, Centerville
R.D.H., B.A.

Paul Thomas Rodeghero, Kettering
B.S. (University of Cincinnati);
M.S. (Wright State University)

David Anthony Rositano, Lorain
B.S. (Denison University)

Barry Steven Ross, Cincinnati
B.S. (University of Cincinnati);
M.S. (Eastern Kentucky University)

Steven G. Rothan, Cincinnati
B.S. (Xavier University)

Michael Thomas Ruetty, Westerville
B.S. (Ashland College)

David Alan Russell, Steubenville
B.S.

Christopher John Ruszkowski, Independence
B.A. (Cleveland State University)

Duane Robert Schafer, Solon
B.A. (Miami University)

Lawrence Paul Schmakel, Toledo
B.A. (University of Toledo)

Dale Stanley Sharples II, Coshocton
B.S. (United States Military Academy,
West Point);
M.S. (Brigham Young University)

Anthony Benjamin Sims, Brooklyn, N. Y.
B.A. (Union College)

Mark Sisko, Akron
B.S. (University of Akron)

David Charles Sisson, Fairfield
B.S.

Jeffrey A. Sloan, Sylvania
B.A. (Miami University)

David Kendall Smith, Gallipolis
B.A. (Miami University)

Mark Brady Solier, Youngstown
B.S. (Adrian College)

Robert L. Spero, Kalamazoo, Mich.
B.S. (Western Michigan University)

James Allen Springer, Archbold
A.S. (Northwest Technical College);
B.A. (University of Toledo)

Erik Egils Sprogis, Hiram
B.A. (Hiram College)

David Barton Steck, Columbus
B.S.

Jeffery Bruce Stoller, Willard
B.S. (University of Akron)

Jan G. Stollings, Xenia
B.S. (Ohio Northern University)

John Michael Storey, Youngstown
B.S. (Youngstown State University)

David George Szana, Waterville
B.S.

Daniel Lee Taylor, Columbus
B.A. (Cedarville College)

David Scott Teufel, Erie, Pa.
B.A. (Thiel College)

Mark S. Traugh, Columbus
B.S.

Thomas F. Trinkner, Mt. Vernon
B.S. (University of South Carolina)

Peter John Tsvitae, Solon
B.A. (University of Toledo)

Jerome Marc Urell, Columbus
B.S.

Daniel Albert von Deutsch, Cleveland
B.S. (Cleveland State University)

Dale Alan Wahl, Cincinnati
B.S. (University of Cincinnati)

Frank Bruno Wanat, Youngstown
B.A., M.A. (Youngstown State University)

Douglas Guy Wenzel, Puyallup, Wash.
B.S. (University of Washington)

Joel Morris White, Norwood, Mass.
B.S. (Purdue University)

Susan Kay Wilson, Columbus
B.A.

Keith Allen Wing, Columbus
B.S. (University of North Carolina at Chapel Hill)

Charles Edward Witkowski, Sr., Mt. Carmel, Ill.
B.S. (University of Illinois);
M.S. (Murray State University)

Andrea Woodlock, Girard
B.S. (Youngstown State University)

Paul G. Wyse, Wauseon
B.S.

Richard Alan Yauss, Cincinnati
A.B. (Miami University)

Tonnie L. Young, East Chicago, Ind.
A.D., B.S. (Indiana University)

Susan Ann Yung, Shaker Heights
R.D.H., B.S.

Timothy J. Zimmerman, Middletown
B.S.

Certificate of Graduate Dental Hygienist

Rose Mary Abruzzi, Warren
Tracy Lee Bell, Avon Lake
Patricia Lynne Bellish, Canfield
Rachel Susan Cohen, Shaker Heights
Phyllis Ann Connell, Pickerington
Lynne Rose Cornelius, Stockholm, N. J.
Christine L. Darmochwal, Parma
Pamela B. Delille, Columbus
Monica M. Demacopoulos, Warren
Paula Christine Dew, Columbus
Jennifer Ann Dunn, Columbus
Constance Anne Fearon, Cuyahoga Falls
Kimberly Marie Foutty, Kent
Jane Ann Fox, Celina
Mindy Joy Friedland, Cleveland Heights
Lori Ann Gaiser, Centerville
Cynthia Gerris, Hilliard
Ingrid Ann Gubesch, Canton
Barbara Jean Hamilton, Mansfield
Ellen Herberger, Wellington
Carol Louise Hines, Troy
Julie Ann Holloway, Whitehouse
Lori Ann Hyde, Columbus
Charlotte Emily Jones, Worthington
Kimberlee Kae Kokinda, Port Clinton
Theresa Kronauge, Dayton
Ranae Ann Lake, Mansfield
Shannon Louise Lennox, Walbridge
Susan Lynne Martin, Montpelier
Olga Milagros Montes, Lorain
Tina Marie Moore, Jackson
Kimberly Ann Pordan, Lyndhurst
Constance D. Reynolds, Cleveland
Denise Catherine Roesch, Westerville
Jennifer Lynn Schuermann, Kettering
Laurie Marie Schumacher, Cincinnati
Linda Lee Schweizer, Oregon
Brigitte Marie Sheffer, Granville
Laurel Ann Smith, Mansfield
Beth Ann Stetler, Celina
Mary Kathleen Swanson, Rocky River
Nancy Michele Syring, Warren
Cheryl Lynn Thompson, Groveport
Kimberly Denise Thompson, Arcanum
Vicki Ann Tomashot, Dayton
Nadine Therese Vulich, Youngstown
Vicki Sue Weinstein, Middletown
Rebecca Jane Welker, Worthington

Adamu Mohammed Bamani,
Bauchi, Nigeria
Aaron Matthew Basinger, Columbus Grove
Randy Van Bates, New Concord
Thomas William Bates, Brunswick
Kathleen Sue Bauer, Galion
Sara Jayne Bazzoli, Dover
David Lowell Beatty, Marion
Tracy Lee Bell, Avon Lake
Linda Joyce Benscheider, Van Wert
Priscilla Elaine Bizzaro, Columbus
Susan Lynn Bocock, Wheelersburg
Beth Ann Bodle, Heath
William Elzworth Bogan, Milan
Rebecca Lynn Bohach, Galion
Linda Kay Booker, Columbus
Karen Elizabeth Brazell, Bay Village
Christine Elizabeth Breining, Columbus
Allan Brenner, Dayton
Johanna Brewer, Columbus
Mary Elizabeth Brochetti, Columbus
David Elliot Brown, Akron
James Earl Brown, Grove City
James Jonathan Brown, Edinburg, Pa.
Lisa Anne Browning, Columbus
Carl Joseph Bucher, Columbus
Haruna Bi-Allah Bukar, Bauchi, Nigeria
Rosemarie Burbach, Mansfield
Tracy Ann Burdette, Middleport
Julie Lynn Burkhart, Mansfield
Mary Martha Burnett, Fort Worth, Tex.
Carol Ann Burton, Mansfield
Laurie Jean Byerley, Grafton
Kelly Lynn Calvert, Pleasant City
Lisa Ann Camardo, Cincinnati
Penny Barbara Cannon, Grove City
Martha Ann Cantebery, Newark
Charmaine Rene Caperton, Columbus
David Ray Caperton, Columbus
Elizabeth Ann Chaney, Washington C. H.
Elaine Marie Chase, Parma
Cara Lis Chenfeld, Columbus
Karen Ann Chin, Westfield, N. J.
Denise Smith Ciferno, Columbus
Paula Barber Clark, Millersport
Christopher Jon Clay, Sidney
Victor Alan Cogan, Amsterdam
Sharon Bissell Cole, Dayton
Deborah Jean Collier, Springfield, Va.
Kelly Jo Collins, Grove City
Angela Jane Conine, Findlay
Christine Eileen Connor, Columbus
Sara Ann Conway, Columbus
Lynda Kay Corder, Coshocton
Lynne Rose Cornelius, Stockholm
Karen Whittaker Corson, Spencerville
Kenneth Robert Cousino, Sandusky
Daniel Patrick Cox, Highland Heights
Debra Lynn Creamer, Grove City
Jennifer Hartman Cross, Amlin
William Harold Crow, Jr., Upper Sandusky
Loni Kay Croy, Findlay
Martha Elizabeth Curry, Lima
Anne Alise Cuticchia, Upper Arlington
Holly Susan Cyphert, Worthington
Jeffrey Allen Dalsell, Newark
William Ernest Damude, Mansfield
Lauriann Dattilo, Columbus
Laura Beth Davis, Columbus
Joyce Arleen Davison, Warren
Meleidy June Dawson, Columbus
Jill Ellen Decker, Sherwood
Pamela B. Delille, Columbus
Monica M. Demacopoulos, Warren
Anna Maria Demeter, Columbus
Nancy Carolyn Denman, Canal Winchester
Diana Mary DeVol, Columbus

Valerie Ann Diccio, Columbus
Kerry Marie Donahue, Columbus
Nancy Laird Donaker, Coshocton
Rebecca Maria Doss, Shaker Heights
Elaine Kay Doughty, Conesville
Semla Marie Downs, Columbus
Jennifer Ann Dunn, Columbus
Christine Marie Durco, Rossford
Jill Lorraine Dutton, Lima
Beth Ann Ebinger, North Fairfield
Michael William Ecard, Columbus
Vickie Lynn Echelberry, Shelby
Mary Catherine Einsel, Fort Myer, Va.
Patricia Ann Ellick, Cleveland Heights
Mary Beth Ellis, Upper Sandusky
Terrance Allen Emery, Marion
Laura Lee England, Marion
Lisa Ann Estep, Springfield
Sarah M. Evans, Willoughby
John Allan Evick, St. Clairsville
Donna Claire Fahrlander, Columbus
Chris Ann Falkenberg, Gahanna
Barbara Ann Farnbacher, Dayton
Catherine A. Fearing, Columbus
Jay Wilson Fechter, Delaware
James Vincent Federico, Columbus
Jonathan Emery Flaughter, Mansfield
Robert Lee Fliger, Jr., Loudonville
Maureen Kay Flora, Cardington
Gary Alan Fortuna, Euclid
Lisa Jean Fosheim, Fairborn
Jeanette B. Foster, Ashland
Jerome Foster, Detroit, Mich.
Kimberley Stock Foster, Columbus
Jane Ann Fox, Celina
James Lindsay Freeze, Massillon
Doreen Kim Frisbee, Cambridge
Karen Ann Garrison, Columbus
John Edward Garwig, Canfield
Nancy M. Geiser, Cincinnati
Kay Ann George, Columbus
Daniel Otto Gerhard, Dayton
Nancy Ann Germann, Ohio City
Lori Ann Gillard, Columbus
Gregory Alan Gillum, Shiloh
Marla Rae Goodman, University Heights
Cheryl Lynn Gordon, Mansfield
Elizabeth Lynn Grant, West Carrollton
Patricia Sue Grant, Granville
Patricia Ann Grayson, Wooster
Beth Ann Greene, Lima
Holly Jade Greene, Reynoldsburg
Larry Herman Gregory, Columbus
Carol LeCompte Griffith, Columbus
Stephen Russell Grill, Columbus
Tamara Lou Grosz, Canal Winchester
Brent Allen Guess, Hilliard
Jack Gainako Gumpy, Bauchi, Nigeria
Debra Lynn Gutridge, Howard
Ibrahim Bawa Gwani, Bauchi, Nigeria
Ronald Eugene Hairston, Columbus
Kimberly Ann Hall, Clyde
Barbara Jean Hamilton, Mansfield
Donna Jean Hamilton, Columbus
Sherrill Marie Hansen, Woodsfield
Melissa Ann Hanzel, Barberton
Carla Ann Harkulich, Chagrin Falls
Valerie Dale Harper, Newark
Kathleen Hartman, Columbus Grove
Jackie Ann Hatcher, Westerville
Katherine Ann Heef, Xenia
Steven Douglas Heebner, Troy
Patricia Ann Hegenberger, Powell
Ellen Herberger, Wellington
Carol Andrea Himes, Columbus
Mary Susanne Hlifka, Conneaut

College of Education

Dean: Robert A. Burnham

Bachelor of Science in Education

Colleen Ann Alexander, Wooster
Evlynvonne M. Alexander, Mansfield
Sharon Louise Alpino, Richmond
Kimberly Dawn Anderson, Newark
Melanie Sue Andrews, Lexington
Bryan Patrick Anstaett, Batavia
Dwight Elliott Anstaett, Batavia
Margarita M. Argyropais, South Zanesville
Shelley Ann Austin, Lima
Christopher W. Ayres, Reynoldsburg
Suzanne Marie Bahr, Greensboro, N. C.
Karen Marie Baker, Worthington
David Danbausa Bako, Bauchi, Nigeria

Susan Kay Hoagland, Columbus
 Erich Ewald Hoffmann II, Bellaire
 Steven Kent Hohulin, Wooster
 Christine Ann Holt, Lima
 Jacqueline Sue Horlocker, Westerville
 Jeffrey Douglas Horst, Galloway
 Julia Lynn Howard, Delaware
 Sandra Elaine Howe, Dayton
 Lisa Lynn Hoyo, St. Clairsville
 Laura Elizabeth Huddleston, Gahanna
 Debra Ellen Hughes, London
 Cheryl Kay Irwin, Bucyrus
 Ibrahim Abubakar Isyaku,
 Bauchi State, Nigeria
 Gerard Thomas Izzo, Bellefontaine
 A.B. (Kenyon College), M.A.
 Cynthia Beth Jacobson, University Heights
 Garba Aliyu Jalam, Bauchi State, Nigeria
 Andrew William Jones, Columbus
 Carolyn Sue Jones, Columbiana
 Daniel Edward Jones, Columbus
 Janet Lucille Jones, Upper Arlington
 Linda Suzanne Jones, Worthington
 Susan Marie Joseph, Bucyrus
 Gary James Kapostasy, Fairport
 Linda Louise Karako, Fairport Harbor
 Lois Mae Karhoff, Findlay
 Douglas B. Kent, Galion
 Macrina Ann Kershner, Reynoldsburg
 Dawn Michelle Kessler, Independence
 Carrie Anita Kester, Bridgeport
 Suzanne Marie Ketcham, Rushville
 Alice Mary Kezman, Barberton
 Kimberly Dawn King, Reynoldsburg
 Kimberly June Kirkendall, Cridersville
 Susan Jane Kirkland, Cadiz
 Pamela Faye Kitchen, Columbus
 Karen Kay Klapp, Tiffin
 Carolyn Elizabeth Klunk, Powell
 Martha Sue Kohls, Fort Jennings
 Deborah Lee Kratoski, Tallmadge
 Cathy Jo Krause, Mayfield Heights
 Kimberly Kay Krebs, Columbus
 Theresa Kronauge, Dayton
 Ranae Ann Lake, Mansfield
 George Edmond Lambert, Centerburg
 Carol Sue Landrum, Cleveland Heights
 Shelly Fern Lang, Troy
 Linda Jolly Lassen, Abington, Pa.
 Cynthia Ann Lauvray, Coshocton
 Sandra Jean Bloodfield Lawless,
 West Jefferson
 Karen Lynn Leewood, Newark
 Shannon Louise Lennox, Walbridge
 Cynthia Renee Letejkides, Massillon
 Catherine Lee Lhamon, Lima
 *Anne Elizabeth Loftus, Columbus
 Kathy Ann Lucas, Columbus
 Karen Ruth Luehring, Cleveland Heights
 Erik Anderson Lundell, Hebron
 Chris Ellen Lyle, Toledo
 Madge Alayne Mabrey, Kenton
 Timothy Alan Mack, Independence
 DeLynn E. MacQueen, Columbus
 F. Howard Mandel, South Euclid
 Christine Lynn Marotto, Cincinnati
 Melinda Ann Marquardt, Parma Heights
 Barbara Jo Martin, Grove City
 Susan Lynne Martin, Montpelier
 Michelle Marie Matulich, Columbus
 Marilyn Sue Mazzeil, Columbus
 Lauren Colleen McCaffrey,
 Highland Heights
 Patricia Ann McCoy, Bucyrus
 Peggy Lynn McElhatten, Galion
 Sherry Lou McFarland, Mt. Vernon
 Dorothy Anne McHugh,
 Williston Park, N. Y.

Tamara Lyn McNutt, Hilliard
 Steven Douglas McPeck, Newark
 Michele Dee McPheron, Lima
 Cheryl Ann Meckler, Akron
 Karen Lee Meier, Mt. Healthy
 Ronald Bret Meigs, Westerville
 Christie Mendenhall, Columbus
 Craig Michael Meredith, Granville
 William Joseph Merz, Columbus
 Robin Markos Meyer, Columbus
 Deanne Louise Miller, Lima
 Janelle Boggs Miller, Delphos
 Peggy Mae Miranda, Columbus
 Kathy Lynn Mitchell, Rushsylvania
 Vina Bermudez Mogg, Tacoma, Wash.
 Jalo Ibrahim Mohammed,
 Bauchi State, Nigeria
 Rita Marie Montalto, Newark
 Terri Lynn Mordas, Hudson
 F. Michelle Morgan, Newark
 Lora Jane Morrison, Pataskala
 Catherine Mulholland, Monroe, Conn.
 John Charles Mumaw, Columbus
 Kathleen Gaylor Musheno, Columbus
 Daniel Arthur Myers, Franklin, Mass.
 Dena Kay Naumoff, Columbus
 Thomas Charles Neate, Sandusky
 Michele Ann Neja, Galion
 Connie Sue Neutzling, Mansfield
 Jeri Ann Nichols, Carrollton
 Susan Arleen Nolan, Coshocton
 Them Nolidis, Willowick
 Erin Jane Noykos, New Hampshire
 Patricia Kay Noykos, New Hampshire
 Caroline Oetzel, Milan
 Ilanit Ohel, South Euclid
 Helmi Marie Oldenburg, Mentor
 Mary Jane Olinski, Neffs
 Gary Adam Orseno, Amherst
 Teresa Ann Ours, New Philadelphia
 Lisa Diane Paetsch, Mansfield
 Barbara Lynn Page, Toledo
 Diane Marie Palmiero, Columbus
 Cynthia D. Parrill, Newark
 Dora Camille Passante, Columbus
 Jay Martin Patterson, Cambridge
 Gregory Linden Paul, Columbus
 Nancy Ellen Pearson, North Andover, Mass.
 Natalie Jean Pearson, Reynoldsburg
 Christine Marie Peltier, Piqua
 Lynne Marie Peltomaa, West Jefferson
 Rita Kay Pennington, Wilmington
 Belinda Dawn Peoples, Columbus
 B.A. (Mt. Union College)
 Joseph William Picking, Ashland
 David John Pintz, Newark
 Derick William Polk, Cleveland
 Kimberly Ann Pordan, Lyndhurst
 Judith Ann Primmer, Lancaster
 Debra Ann Proper, Galloway
 Margaret Walburga Prunte, Columbus
 Kimberly Ann Pryor, Tiffin
 Mary Elizabeth Purves, Cincinnati
 Doris R. Purvis, Marion
 Diana Renee Quay, Belle Center
 Nancy J. Rader, Columbus
 Rhonda Louise Ratliff, Pataskala
 Terre Ann Ray, St. Clairsville
 Linda S. Reeder, Ottawa
 Joni Ann Reser, Bucyrus
 Robert Harry Rice, Mansfield
 Patricia Jean Rickelman, Novelty
 Julie Ann Rieser, Columbus
 Elizabeth Ann Riley, Dayton
 Donna Louise Rioux, Columbus
 Roddy Clay Roark, Zanesville
 Nanette Robertson, Kingsville
 Denise Catherine Roesch, Westerville

John Francis Roesch, Columbus
 Kimberly Lynne Rogge, Columbus
 Rebecca Lynn Rombeiro, Reynoldsburg
 April Denise Roney, Cincinnati
 Roxanne Sue Rosler, Toledo
 Wesley Alan Russell, Columbus
 Jeri Ann Ruzicka, Centerville
 Rebecca Lola Rychener, Bryan
 Shirley Lee Santo, Granville
 Ellen Christine Sarafin, Mansfield
 Sharon Lynn Satterfield, North Canton
 Ann Catherine Savage, Blanchester
 Elizabeth Joan Scali, Pepper Pike
 Kathy Ann Schiernitzauer, Newark
 Daniel Preston Schrier, Stow
 Cherie Lynn Schultz, Ashland
 Linda Lee Schweizer, Oregon
 James Estle Seaman, Granville
 Randy Lee Severs, Alliance
 Linda Eileen Shackle, North Canton
 Terry Shafer, Columbus
 Whitney Ann Shafer, Westerville
 Paul Timothy Shank, Van Wert
 Mary Carroll Shipman, Troy
 Cheryl Lynn Shuff, Columbus
 Debra Ellen Sidle, Orrville
 Sharon Anne Siebert, Cincinnati
 Mary Margaret Sigrist, Grove City
 Rita Lorraine Sigrist, Columbus
 Michael Edward Singerman, South Euclid
 Mindy Lynn Skinner, Lancaster
 Melodi Lane Slater, Lancaster
 Diane Marie Smagatz, Middleburg Heights
 Mary Jane Smarts, Galion
 Kathleen Detrick Smith, Lakeview
 Pamela Dawn Smith, Wooster
 Paul Jerome Smith, Elida
 Penny Lynn Smith, Massillon
 Rhonda Karen Smith, Warren
 Robi Kay Smith, Mechanicsburg
 Phyllis South, Columbus
 Melinda Gay Spencer, Gallipolis
 Phyllis Ann Steele, Columbus Grove
 Beth Ann Stetler, Celina
 Jo Ellen Stevens, Bellville
 Robert Earl Stewart, St. Clairsville
 Lois Jane Strothman, Springfield
 Susan Elaine Stump, Tiro
 Phillip James Sullivan, Westlake
 Susan Lynn Suszka, Toledo
 Sharon Jolene Swigert, Coshocton
 Walter Leigh Sword, Columbus
 Rebecca Kingery Taylor, Plymouth
 Dorene Sue Theil, Dayton
 Myra Sue Thinnies, Cincinnati
 Tierney Ellen Thomas, Columbus
 Richard Kenneth Thomas, Worthington
 Raejean Thompson, Marion
 Barbara Ann Tisher, Lewisville
 Jeanne M. Tobin, Chesterville
 Brian Lee Toops, Columbus
 Michael Richard Totsch, Coshocton
 Pamela Jane Towne, Hamilton
 Mary Jane Trimmer, Marion
 Melanie Kay Trout, Duncan Falls
 Rebecca Lu Turrittin, Worthington
 Janet Marie Vagode, West Milton
 Teresa Ann VanFossen, Hilliard
 Christine Ann VanMeter, Caledonia
 Carol Marie Vorst, Elida
 Lucinda Ann Voss, Galion
 Jerome Kevin Wagner, Newark
 Carol Annette Waldman, Findlay
 Kathleen Ann Walters, Mansfield
 Lisa Ann Warner, Johnstown
 Argene Washington, Mansfield
 Tracey Rai Watson, Marion
 Deborah Sue Weaver, Columbus
 Rick Lewis Weininger, Columbus

* Awarded posthumously

Vicki Sue Weinstein, Middletown
 Amy Lynn Weithman, Galion
 Dianne Michelle Wellington, Granville
 David Clemens Wells II, Westerville
 Patricia A. Westinghouse, Powell
 Marilyn Grice Weston, Marion
 Rhonda Raye Whetstone, Lima
 Deanna B. Whitaker, Worthington
 Beverly Sue White, Columbiana
 Jill Suzanne White, Marion
 Linda Sue Whitely, Bellevue
 David Edward Whitt, Oak Hill
 Wendy Jane Wickliff, Columbus
 Elizabeth Jean Widney, Columbus
 Anne Therese Williams, Lima
 Douglas Allan Williams, Zanesville
 Lisa Anne Williams, Lima
 Kim Ariana Willis, Wayne, Mich.
 Janet Lee Wilson, Brunswick
 John Franklin Wilson, East Liverpool
 Lisa June Wilt, Mason
 Kristal Kathleen Wion, Worthington
 Molly Marie Wolfe, Mansfield
 Pamela Ann Wren, Columbus
 Vicki Renee Wright, Reynoldsburg
 James Monroe Wyant, Elida
 B.A. (Taylor University)
 Linda Marie Yost, Westerville
 Ronald Eugene Zielke, Carey
 Lisa Kay Zimmerman, Upper Sandusky

**Bachelor of Art Education and
 Bachelor of Music Education
 degrees are offered jointly by the
 College of the Arts and the
 College of Education.**

**Candidates are listed under
 College of the Arts.**

College of Engineering

Dean: Donald D. Glower

Bachelor of Science in Aeronautical and Astronautical Engineering

Robert Gregory Barlow, Beavercreek
 John Leo Bartley, Chagrin Falls
 David Michael Baum, Zanesville
 Thomas John Bouthiller, Franklin, Mass.
 William Francis Buckley, Jr., Ashtabula
 Bruce Ray Cogan, Waterville
 Joseph Criscione, Parma
 Laurence Edward Culligan, Kettering
 Jack Jay Fox, Elyria
 Kevin Darryl Gray, Rossford
 Jay Dean Gwinn, Columbus
 Patrick K. Haines, Tallahassee, Fla.
 Iftikhar Ul Haq, Lahore, Pakistan
 Thomas William Hesterman,
 Ridgeville Corners
 Suzanne Lorine Hipp, Sandusky
 Brian Farrell Johnson, Blacklick
 Tracy Anthony Johnson, Columbus
 Ann Patricia Kerslake, Middleburg Heights
 Kevin David Klonoski, Flint, Mich.
 Patrick Martin Leard, Columbus
 Paul Robert MacKinnon, Gahanna
 James Joseph Martz, Columbus

Stanley Ervin McCary, Edinboro, Pa.
 Robert Eugene McGrady, Columbus
 Stephen Eugene Milderstein, Delta
 Donald Francis Moore, Bangor, Me.
 Kenneth Bruce Morris, Martins Ferry
 Gerold Walter Noyes, Galena
 Richard Conrad Oeftering, Elyria
 Douglas Keith Pennington, Westerville
 Gary Alan Pryor, Cincinnati
 John Karl Ramsey, Mansfield
 James Allan Rasmussen, Omaha, Neb.
 Kirby L. Rothenbusch, Okeana
 William Charles Russell, St. Louis, Mo.
 Muhammad Shahab Samadi, Tehran, Iran
 Thomas Dean Schulte, Jr., Wheelersburg
 Joseph R. Shannahan, Paoli, Pa.
 Frederick L. Shepherd III, Centerville
 Anthony Thermos, Eleusis, Attica, Greece
 Allen Rocky Thompson, Fairborn
 Lewis Dean Walker, Kilgore
 Michael Line Weakly, Findlay
 Jay Kenneth Wiggins, Dayton

Bachelor of Science in Agricultural Engineering

Ann Denise Christy, Columbus
 Nicholas R. Hahn, Bellevue
 Allan Glen Hanson, Newark
 Rodney L. Huffman, Arcadia
 Brian Douglas Jordan, Mansfield
 Nora Jane McNamara, Toledo
 Kym Wayne Moore, Urbana
 Earl Dean Rhamy, Fredericksburg
 Steven Larry Sanders, Pemberville
 Sylvia Lynn Schonauer, Killbuck
 Roger Linn Snyder, Leesburg
 Kristopher Lee Swartz, Rossford
 Nancy Ruth Wallace, Huber Heights
 Thomas Charles Zimmer, Cincinnati

Bachelor of Science in Aviation

Sharon Dawn Savage, Cincinnati

Bachelor of Science in Ceramic Engineering

John Matthew Bauer, Portsmouth
 Rastislav Brezny, Middletown
 Claude Brown, Jr., Grove City
 Neil Brown Castrodale, Westerville
 Leslie Richard Crawford, Toledo
 William Watson Davison, Granville
 John Joseph Dosa, Alliance
 Donald Ray Engelhardt, Alger
 Jeffrey Lance Hall, Canton
 Martin Arthur Hall, Chardon
 Paul Richard Lee, Newark
 Wayne Franklin Lougher, Upper Arlington
 Rose Ann Seich, Massillon
 John Ellis Smarto, Crestline
 Richard Dale Smith, Barnesville
 John Christian Stallsmith, Lancaster
 Lawrence William Tiefenbach, Jr.,
 Perryburg
 Rodney Ray Wilkins, Somerset

Bachelor of Science in Chemical Engineering

Robert Mark Andes, Kent
 Joanne Karen Appoy,
 Port-of-Spain, Trinidad
 Barbara Marie Bacskai, North Olmsted
 Michael Brian Begland, Wilmington, Del.
 Joseph F. Bishel, Kensington
 James Victor Blackwell, Hamilton
 Charles Dana Bond, Akron
 Thomas David Burns, Columbus
 Stephen Richard Cammarn, Worthington
 D. Scott Carter, Cincinnati
 Diana Marie Chen, Athens
 Richard Gaeton Ciccotti, Jr., Solon
 James Hull Cordray, Grove City
 Donald Jeffery Davis, Huron
 Craig Byron Dotson, Bothell, Wash.
 Linda Sue Evans, Ottawa
 James Claude Ferguson, Jr., Cincinnati
 Tracy Lynn Flora, Brookville
 Roger L. Frye, Van Wert
 Robert Francis Gaus, Jr., Wheelersburg
 Albert Michael Gesenhues, Louisville
 David Bryan Henninger, Fairview Park
 Kay James Herouvis, Rocky River
 David Ralph Hopper, Columbus
 Ronald Alan Howdyshe, Amherst
 Jack Roger Hughes, Jr., Portsmouth
 Laurence Allan Ice, Brunswick
 Susan Elizabeth Jezior, Acton, Mass.
 Cheryl Lynn Kennedy, Wheelersburg
 James Konuch, Lakewood
 James Arthur Leonard, Trotwood
 Elliot Louis Levine, Blacklick
 Robert Phillip Lewis, Beavercreek
 Thomas Michael Maloney, Killcliffe
 Michael Ray Melick, Roseville
 Anne Elizabeth Meyers, Sandusky
 Julie Ann Minderman, Port Clinton
 Martindale Nelson, Lucasville
 Robert Lawrence Newman, Sandusky
 Keith Robert Nowak, Genoa
 Jeffrey William Patterson, Akron
 John P. Paulos, Columbus
 Lananah Thi Pham, Columbus
 Lee Anne Raymond, Kirtland
 Robert Alton Richard, Westlake
 Christopher R. Richied, Troy
 Timothy H. Robison, Columbus
 Cora Belle Rogerson, Maineville
 David John Sebold, Philadelphia, Pa.
 Alan H. Smith, Sandusky
 Gordon David Smith, Madison
 Stephen Louis Spanoudis, Toledo
 Ralph Wayne Tyree, St. Anthony, Idaho
 Christina Marie Warner, Newark
 Jeffrey Allen Watson, Newark
 Ben Weinstein, Beachwood
 David Lee White, Barberton
 Leonore Catherine Witcheay, Shelby
 Robert Erik Young, Mansfield
 Robert Edward Zimmerman, Akron

Civil Engineer

Farid Farzanehr, Tehran, Iran
 David Hassan Nourachi, Basrah, Iraq

Bachelor of Science in Civil Engineering

Thomas John Arey, Berea
Kevin Dale Barber, Chillicothe
Nina Ellen Blanco, Lake Hopatcong, N. J.
Edwin Evan Boggs, Jr., Lexington
Matthew Alan Boone, Columbus
Edward A. Brdicka, Middleburg Heights
Jeffrey Scott Dailey, Bay Village
James Ritter Davis, Woodsfield
David Duane Dennison, Greenville
Ahmed Khaled Elwy, Berlin, West Germany
Daniel Alan Furgason, Columbus
Mark David Gnatowski, Brooklyn Heights
June Elise Routh Hankins, Austin, Tex.
John Richard Hart, Charleston, W. Va.
David William Hawkins, St. Clairsville
Robert Anderson James, Fairborn
Lars Rodney Johnson, Wooster
Abdulmonem Yousef Kamhiyah,
Kuwait, Kuwait
Lik Lim, P. Jaya, Malaysia
Theodore Ryan Lozier, East Sparta
Floyd Robert McConnell, Columbus
Michael James McCraw, Dayton
William Thomas Morrison, Columbus
Maroun Mansour Moussalem,
Beirut, Lebanon
Nicolas G. Moussi, Venezuela
Amin Hassan Nasser, Beirut, Lebanon
Randall Stanton Over, Hollidaysburg, Pa.
Norman Lloyd Patton, Greenwich
David M. Pioli, Marietta
Rick Lee Poeppelman, St. Marys
Kenneth William Ricker, Lima
William A. Roosa, Middletown
John Wesley Roth, Columbus
Ali Shahabi, Tehran, Iran
Ghassan M. Shihab, Damascus, Syria
Thomas A. Sisterhen, Wadsworth
Brent Edwin Slone, West Alexandria
Craig Alvin Snively, North Canton
Majded-deen Isam Sonalla, Kuwait, Kuwait
Timothy L. Sprout, Worthington
James A. Swartzmiller, Jr., Worthington
Kathleen Marie Trauth, Cincinnati
Clifford Ursich, Richmond Heights
Mark Stephen Van Wormer,
Simsbury, Conn.
Joseph Arnold Warner, Copley
Dennis Wade Watson, Sylvania
Vickie Louise Wildeman, Mentor
Theodore John Williamson, Warren
David Reis Winemiller, West Milton
Daniel W. Yard, Madison
Timothy Lee Yost, New Lebanon
Lazarus Vusie Zwane, Mbabane, Swaziland

Bachelor of Science in Computer and Information Science

Kriston James Athey, Beaver Creek
Scott Allen Bartine, Dayton
Karl Albert Bloss, Parma
Gregory Allan Collins, Heath
Alan Paul Curtis, Columbus
Lori Beth Diefenthaler, Toledo
Kamran Esmailzadeh, Los Angeles, Calif.

William Lawrence Exline, Marysville
Warren Kent Fox, Worthington
Robert Francis Gaus, Jr., Wheelersburg
James Reid Hahn III, Westerville
Karen Margaret Harshfield,
Memphis, Tenn.
John Joseph Hathaway, Akron
William Frank Hippenmeyer, Kettering
David Warren Holland, Columbus
Mark Aeron Jackson, Coldwater
Pamela Moodespaugh Jones, Sunbury
Kent Alan King, Radnor
Eugene Thomas Levine, Sandusky
James Arthur McKenna, Jr., Columbus
Barry James Meister, Parma
Richard Allen Miu, Mansfield
James Francis Mulato, Marietta
James Logan Murray, Jr., Piketon
Jennifer Susan Pak, Columbus
Zolito Francisco Pedrozo, Dalton
Mark Alan Ritchie, Grove City
Ronald James Salpietra, Youngstown
Darren Lee Seely, Galien
Krishna J. Srivastava, Columbus
Peter K. Theophanous, Campbell
John Allen Tolbert, St. Clairsville
Joseph Norman Vallo, Dayton
Neil Scott Warner, Columbus
David Allen Wetzel, Columbus
James Joseph Whitney, Lima
John Anthony Zawada, Springfield

Electrical Engineer

Nesar A. Belal, Dacca, Bangladesh

Bachelor of Science in Electrical Engineering

Syed Arshad Ahmad, Karachi, Pakistan
Gary Michael Anderson, Columbus
Suzanne Patricia Apel, Huber Heights
Thomas James Barnum, Columbus
Montgomery Lee Bauman, Heath
Michael Allan Bergeron, Aurora, Colo.
John Kyle Bigler, Bellville
James Alan Bingham, Columbus
Paul Michael Bizzarri, Cincinnati
Bruce Eric Blaho, Columbus
Tana Kapp Blix, Mt. Vernon
Timothy August Bodnar,
Farmington Hill, Mich.
Jeffrey Charles Brown, Hyde Park, N. Y.
William Paul Bryan, Lima
Mark Lloyd Butler, Ft. Lauderdale, Fla.
Andrew Nicholas Capella, Pickerington
John Walter Carpenter, North Royalton
Timothy James Carrigg, Steubenville
Craig Frederick Carson, Gratiot
Ronald William Chaffee, Puebla, Mexico
Richard Chang, Torrance, Calif.
Mark David Clark, Kingshill, U.S.V.I.
Alan Paul Curtis, Columbus
John Gabor Czikk, Solon
Ronald W. D'Antonio, Syracuse, N. Y.
Paul David Dayton, Delaware
Lee Alan Derr, Logan
Amy Sue Diller, Findlay
Dreux Vincent Dorsey, Bay Village
Michael Eugene Drylie, North Canton
Linda Marie Eberle, Columbus
Ronald Edward Elster, Columbus

Eric David Evans, Stow
Behnam Farhat, Tehran, Iran
Michael Arthur Farmer, Utica
Marlon Jacob Felman, Dayton
Chester Fong, Toledo
Patrick Edward Gilles, Elyria
Mark Alan Gresham, Geneva
Thomas Grimes, Sandusky
Kevin David Hall, Elyria
Tracy Lee Hall, Lithopolis
Timothy Alan Hanes, Walhonding
John Michael Henderson, Columbus
Lynne Ellen Holmes, Brecksville
John Charles Hood, Shaker Heights
Patrick Hourigan, Warren
Herair Hovsepian, Belmont, Mass.
Chi-nang Hui, Hong Kong
Ronald Brian Jenkins, Findlay
Douglas Wayne Johnson, Newark
Ralph G. Jordan III, Lawnsdale, N. J.
Nader Kamrani, Tehran, Iran
Lewis Milo Kennedy, Amanda
James Robert Kent, Zanesville
Craig B. Key, Mansfield
James A. Klug, Cincinnati
David Charles Knecht, Seffner, Fla.
Lois Lynne Kohnhorst, Pickerington
Brian John Kost, Stow
Henry Andrew Koszarsky, Jr.,
Canonsburg, Pa.
David Alan Lambert, Ironton
Mark A. LaRue, Stoutsville
Peter Lemieux, Troy, Maine
Mitchell Wayne Leshin, Akron
Juvena Wai-Kwan Loo, Hong Kong
Mark Steven Malainy, Shelby
Joaquin Manuel Marques,
Caracas, Venezuela
Bradford Roby Mehlhove, Cincinnati
Andrew Frederick Moulton, Columbus
Norman Edward Novotney, Columbus
David Mark Nye, Hilliard
Allison Lee Oldfield, Akron
James L. Olivier, Cincinnati
Joseph Herman Paquin, Jr., Madison
Mark Ansel Parrish, Dayton
Mark Alan Peabody, Orange
David Curtis Pell, Whitesboro, N. Y.
Hoanh Huy Pham, Columbus
Timothy Gerald Plzak, Dayton
Nora Jeanette Powell, Thornville
Edward John Putt, Allegany, N. Y.
Gregory Scott Ray, Sugar Creek
Thomas Joseph Rhine, Lima
David Randolph Russell, Portsmouth
Matthew Frank Schneider, West Chester
Douglas Dean Schweizer, Vienna, Va.
Lynnita Kaye Segovia, Elida
Randall Lynn Shaul, Mansfield
Mohamed Ali Shwaikani, Columbus
George Nicholas Simopoulos, Dayton
Alton Gregory Smith, Newark
Steven Keith Somerson, Columbus
Gregory Scott Still, Akron
David Alan Straka, Hudson
Glenn Thomas Studevant, Berea
Amos Tabibian, Tehran, Iran
Bradley Keith Taylor, Akron
Brian Dean Theaker, Mansfield
Patrick Allen Toole, Springfield
Joseph Brian Vanden Wymelenberg,
Warren
Antonio Roserio Diego Vassalle, Tiffin
Sharon Lynn Weintraub, Lima
John E. Weller, Cincinnati

Patricia Joan Welsh, Cincinnati
Robert Todd Whitacre, North Canton
John Martin Woodyard, Newark
Christopher Allerton Franklin Wright,
Sandwich, Mass.
Kevin John Young, Elyria
David Wayne Zimmerman, Lakewood

Bachelor of Science in Engineering Physics

Joseph Earl Fondriest, Dover
Edward Allen Nemeth, Maple Heights

Industrial Engineer

Richard L. James, Columbus
Carolyn S. Murray, Pittsburgh, Pa.
Lisa Marie Ralphe, Pittsburgh, Pa.

Bachelor of Science in Industrial and Systems Engineering

Michael Eric Bettinger, Dayton
William Todd Bigley, Boardman
Derrick Alan Black, Centerville
Lynda Ann Booth, Hermitage, Pa.
Kathy Lynn Brosch, North Ridgeville
Sandra Lee Brumback, Lorain
Robert William Cones, Marion
Susan Marie Corbin, Columbus
Thomas Michael DeVault, Granville
James M. Dickey IV, Westlake
Robin Carol Faraday, Hudson
Debra Sue Finstad, Geneva
Susan Elizabeth Gordhammer, Beavercreek
Lynette Gay Graham, Marysville
James Paul Heinmiller, Columbus
Brian Frederick Jacob, Westlake
David Lee Johnson, Johnstown
Sharon Lynn Keeler, Fairview Park
James William Kellogg, West Chester
Alexander Charles Kirlik, Bay Village
John Bernardo Kosasih,
San Francisco, Calif.
Robyn Sue LeFevre, Kettering
James Evan McClellan, North Canton
Michael Steven McQuaid, Wilmington, N. C.
Michael Lee Miller, Dayton
Phillip Wayne Moody, Marietta
Joan Anne Moore, Boardman
Gwendolyn Rose Nagy, Avon
Dean Frederick Poeth, Columbus
Elizabeth Louise Richardson, Columbus
Michael John Russo, Cincinnati
Karen Lynn Scaggs, Kettering
Christina Louise Schloss, Cincinnati
Philip Edgar Smith, Greenfield
Michael Jerry Standley, Galion
Michael Glenn Surface, West Chester
Jeffrey Allen Sycks, Coshocton
Melih A. Turkmen, Ankara, Turkey
Scott Douglas Wallace, Springfield

Bachelor of Science in Mechanical Engineering

Carol A. Abbott, Lancaster
Ramiro Antonio Avila, Santiago, Chile

Robert Charles Bare, Canfield
Ronald Martin Boninger, South Euclid
John Clark Bouman, Bethlehem, Pa.
Gregory Scott Boyer, Westfield Center
Kimberly Anne Brown, Logan
Joseph Anthony Ciminello, Columbus
Craig Mason Conner, Kettering
Glen Lee Davidson, Brecksville
Steven Manuel Davidson, Dayton
Roger Dean DeBelly, Olivia, Minn.
Thomas George Donkin, Cleveland Heights
Kenneth Brent Dunlap, Springfield
James Dean Ellis, Beverly
Christopher Francis Ewald, Chesterland
David Drew Falk, Salem
Eric Brian Fite, New Vienna
James Douglas Gill, Ashland
Michael Frederick Glantz, South Euclid
Dan Glickman, Ramat Gan, Israel
Robert Russell Grant, Bay Village
John Frederick Grote, Hamilton
James H. Hague, Seneca
Joseph Edward Haring, Lucas
Daniel James Helwig, Marion
Robert Alan Heminger, Van Buren
James Britton Hissong, Mt. Vernon
Nizar Homs, Columbus
Edward Kevin Hrusovsky, Shadyside
Ali Jalilevand, Tehran, Iran
James E. A. John II, Powell
Kevin Howard Kast, Fairfield
Robert Daniel Klingensmith, Newark
Ronald Wesley Kluever, Sherborn, Mass.
Benny Dov Kronengold, Ramat Gan, Israel
Joseph Arthur LaRose III, Ravenna
David Alan Lowe, Chesterhill
Margaret Mary Mackay,
Middleburg Heights
Kenneth James Marcis, Lakewood
David John Markstein, Columbus
Louis Charles Mastro, Marion
Douglas Lynn McAllister, Uhrichsville
Jeryl Anne Meeks, Marshallville
Dwight Alan Meglan, Galena
Robert John Milk, Cuyahoga Falls
John Michael Mohler, Columbus
Philip Wayne Monk, Portsmouth
John Thomas Murphy, Williamsburg, N. Y.
Andrew Mark Oakes, Lexington
Robert Luther Orndorff, Kent
David Martin Peabody, Orange Village
Seth Allen Piers, Killbuck
Steven Gregory Rice, London
Timothy Joseph Richardson, Columbiana
Bernard Arthur Ricker, Dayton
Peter Charles Rogan, Gambier
William David Rudolph, Walbridge
Nadim Nicolas Samaha, Beirut, Lebanon
Steven Gregory Schneider, Strongsville
David Anton Skoog, Hillsboro
John L. Skretts, Brunswick
Calvin Gene Smith, Sidney
Vance Edward Snyder, Parma
Thomas John Sours, Wadsworth
Joseph Peter Spanovich, Gahanna
David Wayne Styer, Waterford
Steven Todd Sutter, Columbus
C. Jeffrey Tefend, Granville
Nolan Arthur Thompson, Kirtland
Alisa Anne Untener, Columbus
Tony Vandenoever, Lancaster
Mark William Vantreas, Akron
Phillip Wayne Vaughn, Columbus
James R. Vernier, Jr., Columbus
Gary Lee Wagner, Zanesfield
Gary Anderson Weller, Columbus
George Jackman Wharton, Bay Village
Thomas Victor Zimmerman, Fairview Park

Bachelor of Science in Metallurgical Engineering

Peggy Ann Barron, Loveland
William Earle Bosken, Jr., Cincinnati
Gerard Lee Boyle, Ashtabula
Lawrence Werner Buerge, Columbus
Christopher Scott Cady, Columbus
Bladimir Alfredo Diaz Martinez,
Maquetia, Venezuela
Earl Roman Karch II, Newark
James David Krasner, Shaker Heights
Randall Allan McFarland, Kettering
Dean Vincent Melcher, Mt. Gilead
George J. Melnyk, Columbus
Daniel Albert Rosendale, Centerville
Timo Juhani Santala, Attleboro, Mass.
William Brian Thacker, Carlisle

Bachelor of Science in Mining Engineering

Richard Dwight Goodman,
New Philadelphia
Joseph Lewis, Columbus
Michael Ray Perry, Circleville

Bachelor of Science in Surveying

Jon Elliott Van Evra, Lancaster
Mark S. Van Wormer, Simsbury, Conn.

Bachelor of Science in Welding Engineering

Timothy Alan Abke, Wayne
Maqsood Ahmad, Columbus
John Kevin Baysore, Mason
Donald Patrick Burns, Westerville
Stephen Robert Daykin, Willoughby Hills
William Robert Doak, Marietta
Kenneth John Gangl, Cleveland
Mohammed B. Ghaziaskar, Esfahan, Iran
Christopher A. Hayes, Grove City
Robert Dean Helber, Jr., Columbus
Harold Raymond Hopkins II, Waverly
Tissanath Thavandra Jinadasa,
Colombo, Sri Lanka
Carolyn Kurgan, Cleveland
Robert Douglas Lloyd, Columbus
R. Bruce Madigan, Zanesville
Troy Douglas Manley, Powell
Timothy Ivan Metko, Syracuse, N. Y.
Jeffrey Craig Miller, Brookville, Pa.
Mark Paul Niese, Leipsic
James Patrick Pickard, Columbus
John L. Sanders, Wayne, Pa.
Harlan Louis Shore, Columbus
Anne J. Sunwoo, Columbus
Attila Szabo, Columbus
Lorne Alan Weeter, Waverly
Mark Steven Williamson, Columbus
Paul Timothy Wood, Ironton

School of Architecture

Bachelor of Science in Architecture

Thomas Donald Auer, Boardman
Nemer Abdelrahman Beitar,
Amman, Jordan
Randall Quinn Bennett, Westerville
Rick David Benos, Independence
Nicholas Joel Buccalo, Bellbrook
John Paul Calderon, Toledo
Kathleen Marie Cannata, Wickliffe
Amy Carpenter, Columbus
Richard Winslow Daspt, Jr., Trappe, Md.
Jeffrey Michael Dimarzio, Midland, Pa.
James Thomas Durbin, Columbus
John Anthony Eberts, Columbus
Karen Eisenloeffel, Mansfield
Lydia Esther Figueroa, Rio Padas, P.R.
David Michael Fratianne, Columbus
Daniel James Freytag, Sidney
Frank Alfred Fusaro, Fair Lawn, N. J.
Dennis Lynn Hacker, Elkhart, Ind.
Michael Richard Hixson, Columbus
Thomas Franklin Hoepf, Bowling Green
Thomas Edward Lambright, Akron
Thomas Joseph Liggett, Parma
Ward Roderick Lindenmuth, Germantown
Stephen Donald Luoni, Massillon
David Todd Maddux, Tipp
Scott Tyler Malley, Huntsville
Namdar Marandi, Tehran, Iran
Thomas Joseph Martin, Trumbull, Conn.
Melody Sue Mason, Lima
Robert Martin Matakovich, Lorain
Scott Patrick McElrath, Fruitport, Mich.
Wanda Ivelisse Mills, St. Thomas, V. I.
Majid Modarresi, Tehran, Iran
Margaret Ann Murphy, Roswell, Ga.
Darrell Girard Pappa, Independence
William Samuel Pegg, Youngstown
David Joseph Piero, Jr., Canton
David Anthony Rinaldi, Columbus
John Elgin Robbins, Westerville
Roderick David Rohm, Fremont
Mark Richard Roland, Kenton
Mark Anthony Sarver, Columbus
Bruce Edward Shumard, Blanchester
Jerry Lee Smith, Columbus
David John Sobieski, Gatesmills
Douglas Earl Stone, Columbus
Lap Chi Tse, Kowloon, Hong Kong
David Walter Varnish, Columbus
Mark Stephan Wagner, Lorain
Constance Ann Walter, Columbus
Dandridge Drew White, Columbus
Mark Alan Wikel, Milan
Frederick Harris Wilson, Lakewood
Lawrence Oliver Wright, Reynoldsburg

Bachelor of Science in Landscape Architecture

Melanie Joy Adorni, Brecksville
William James Arlow, Lorain
Donald Ray Barr, Wadsworth
Joan Marie Bletzacker, Columbus
Steven James Bosse, Cincinnati
Fredrick Charles Bowling, St. Marys
William Alan Buescher, Cincinnati
Randy Clay Caldwell, Mentor
Christine Oksana Ceresna, Columbus
Mary Corlett Dansard, Sylvania

David James Dougherty, West Chester, Pa.
Richard Ernest Dunn, Jr., Youngstown
Lisa Ann DuPont, Columbus
Mark Fioravanti, Belle Vernon, Pa.
David Charles Gerstenmaier, Clinton
Beth Lynn Gilbert, New London
Arnold Franklyn Hadden,
Manahawkin, N. J.
Bryan Eugene Halt, Edison
Steven Lee Heichel, Madison
Laura Estella Hill, Perrysburg
Craig Louis Jones, Columbus
Bryan Michael Joyce, Columbus
Donald Andrew Kasych, Cleveland
Gregory Johnston Lecain, Dublin
Dean Eric MacMorris, Columbus
Todd Marshall McCurdy, Las Vegas, Nev.
Kevin Michael McNulty, Parma
Brad William Meyer, Tipp
Dennis Blaine O'Brien, Independence
Alice Rose Piwowarczyk, Springville, N. Y.
Mark William Polinko, St. Clairsville
Michael Alan Prochaska, Cleveland
Louis Craig Reichbauer, Fairfax
Katherine Ann Reider, Perrysburg
Patrick Michael Rooney, Columbus
Carrie Allene Scarff, New Carlisle
Philip Leroy Schaffner, Grove City
Pamela Jean Schechter, Xenia
Gary Thomas Schmidt, Columbus
Ann Michelle Shealy, New Washington
Maria Aparecida Chaves Sherman,
Juiz de Fora, Brazil
John Sinats, Ferndale, MI.
Laura Lyn Skwarski, Independence
Laura Jeanne Solano, Columbus
Harry Joel Solomon, Cincinnati
Dennis Courtney Stoiber, Columbus
Geoffrey Lynn Stoll, Bucyrus
John Thomas Thaler, Sheffield
Todd Randall Wales, Cincinnati
Michael Jeffrey Weiss, Cincinnati
Susan Weyl, Rochester, N. Y.
Gerald Martin Wille, Cincinnati
Kyle Anne Williams, Parma Heights
Robert Henry Williams, Kettering

College of Law

Dean: James E. Meeks

Juris Doctor

Shelley Marcia Ackerman, Beachwood
B.A.
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B.A. (Indiana University)
Philip Douglas Barr, Zanesville
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Michael James Barren, Gahanna
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Clark Edward Battista, Minerva
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Steven Craig Bechtel, Sandusky
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Gary Dean Begeman, Parker, S. Dak.
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Brian Keith Berman, Cincinnati
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Alice Kay Blankenship, Columbus
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M.L.S. (University of Pittsburgh)
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Mark Charles Brookes, East Liverpool
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Stephen Robert Bruns, New Paris
B.A. (University of Cincinnati)
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 B.S.Bus.Adm.

Letitia Kincaid Davis, Columbus
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Linda HC Fung, Columbus
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Thomas Joseph Goedde, Troy
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Richard Goldberg, Englishtown, N. J.
 B.A. (Rutgers College)

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 Bachelor of Philosophy (Miami University)

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 B.S. (University of Oklahoma);
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John Edgar Hoffman, Martins Ferry
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Sandra Ann Homeny, State College, Pa.
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Jeffrey Donald Horst, Avon Lake
 Bachelor of Philosophy (Miami University)

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 B.S. (Cornell University)

Judith Joy Hritz, Cleveland
 A.B. (John Carroll University)

Jeffrey Thomas Huff, Columbus
 B.A.

Jeffrey Lee Huntley, Columbus
 B.A.

Catherine Elaine Huston, Bellevue
 B.A. (University of Maryland)

Stanley David Iddings, Troy
 B.A. (Ohio Wesleyan University)

Mary Katherine Jenson, Avon Lake
 B.A. (Cleveland State University)

Craig Eugene Johnston, Plain City
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John Thomas Keating, Wooster
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Timothy Michael Kelley, Columbus
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Chad Kelligher, Warren
 B.A. (Kent State University)

Deborah Louise Kenney, Westerville
 B.A.

Kathy Davison Kihata, Oxford, Mich.
 B.A. (Michigan State University)

Duncan Campbell Kinder, St. Clairsville
 A.B. (Princeton University)

Eugene Roberts King, Cleveland Heights
 B.G.S. (Ohio University)

Anthony John Knettel, Lynbrook, N. Y.
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Richard Paul Kovacs, Bethlehem, Pa.
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Gregory Jay Kowalski, Cleveland
 B.B.A. (Cleveland State University)

Stephen Alan Kozich, Euclid
 B.E.E. (Cleveland State University)

Phil Krajec, Savannah, Ga.
 B.A. (Bowling Green State University)

Kenneth Lee Lane, Pueblo, Colo.
 B.A. (University of Denver)

John David Lautermilch, San Diego, Calif.
 B.B.A. (Cleveland State University)

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Ellen Beth Leidner, Rocky River
 B.S. Public Affairs (Indiana University)

Jeffrey Wayne Leonard, Ashland
 B.S.Bus. (Miami University)

William August Leuby III, Portsmouth
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Frederick Howard Lewis, Loveland
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Barry Wayne Littrell, New Carlisle
 B.A. (Wittenberg University)

Lynda G. Loomis, Kent
 Bachelor of General Studies (Kent State University)

Barry Lewis Lubow, Dayton
 B.A. (American University)

Richard Allen Luther, Pittsboro, N. C.
 B.A., M.S.W. (Hiram College)

John Spenceley Marshall, Newark
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Steven Alan Mathless, Columbus
 B.A.

Ruth Elaine Mayle, Bellville
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Victoria Mary McCauley, Warren
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Michael Brian McCord, Shaker Heights
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James R. McGuinness, Jr., Aurora
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Stephen Louis McIntosh, Columbia, S. C.
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John Philip Melick, Worthington
 B.A. (Miami University)

Jetta Lynn Mencer, Coshocton
B.S.Bus.Adm.

Michael Scott Messenger, Bowling Green
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Gregory W. Meyers, Avon Lake
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Jennifer Thomas Mills, Worthington
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Michael James Mueller, Columbus
B.A.

Kenneth Allen Myers, Columbus
B.A.

J. Michael Nesser, Columbus
B.A. (Capital University)

Kathleen Lynn Nesser, Columbus
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Craig Alan Norman, Sandusky
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Timothy Mahlon Offenberger, Malvern
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B.A.

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Bachelor of Philosophy (Miami University)

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Christopher Jon Plybon, Centerville
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Susan Elaine Raabe, Geneva
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Randall Scott Rabe, Valders, Wis.
B.A. (Lakeland College)

Gregory Stephen Rains, Cincinnati
B.A. (University of Cincinnati)

Beverly Ann Reid, St. Albans, W. Va.
A.B. (Ohio University)

Heidi M. Rian, Wooster
A.B. (Radcliffe College)

Randall William Rummell, Mineral Ridge
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Edward Conrad Samsel, Toledo
B.S.

David Irwin Schiff, Yellow Springs
B.A.

Bruce Selby Schoenberger, Perrysburg
B.A. (Miami University)

Deborah Levine Schottenstein, Columbus
B.A.

Richard Alan Schwartz, Cincinnati
B.A. (Vanderbilt University)

Michael James Segal, Columbus
B.S.

Timothy Shawn Sell, Tipp City
B.A. (Marietta College)

Barbara Ann Sentz, Columbus
B.A. (Bowling Green State University)

James Reid Shockley, Cincinnati
B.A. (Oberlin College)

Paul Bruce Smith, Cincinnati
B.F.A. (Ohio Wesleyan University)
M.S. (University of Wisconsin)

Ronald Lee Smith, Columbus
B.A. (Kenyon College); M.A.

Ann Louise Snyder, Kent
A.B. (University of Michigan)

Terrell Brooke Snyder, Martins Ferry
B.A. (Kenyon College)

Douglas Howard Solomon, Pepper Pike
B.A. (Miami University)

Maryellen C. Spirito, Elizabeth, N. J.
B.S. (Skidmore College); M.S.W.

Jodie Lee Stearns, Bloomdale
B.S.

William J. Steele, Massillon
B.A. (Eastern Illinois University)

Shelby Martijn Steger, Columbus
Bachelor of Philosophy (Miami University)

Rodney Lynn Stephan, Columbus
B.S.

William Fisher Sterling, Canton
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Kimberly Anne Straight, Parma Heights
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William C. Strangfeld, Columbus
B.A. (Kansas Wesleyan University)

David James Strasser, Cincinnati
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Andrew Ian Sutter, Far Rockaway, N. Y.
B.A. (Queens College, City University of
New York); M.S. (State University of
New York at Albany)

Martha Jane Sweterlitsch, Westerville
B.A.

Kim Wilson Thomas, Cincinnati
B.A.

Steve W. Thornton, Vandalia
B.S.Bus. (Miami University)

John Richard Tomlan, Neffs
A.B. (Cornell University)

Kris Herman Treu, Mayfield Village
A.B. (Dartmouth College)

Nancy Jepson Treu, New Sweden, Maine
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Louis Udell, Youngstown
B.S.Bus. (Miami University)

Lindsey Paul Vinson, Marion, Iowa
B.S.Bus.Adm. (Drake University)

Michael Francis Wagner, Pittsburgh, Pa.
B.A. (LaSalle College)

Thomas George Watson, Dover
B.A. (Wittenberg University)

Mitchell Arthur Weisman, Beachwood
B.B.A. (Emery University)

David Ralph Wickham, Londonville
B.A.

Darla Jean Wilkinson, Celina
B.A. (Ohio Northern University)

John David Wilson, Cincinnati
B.A. (Miami University)

John H. Wilson, Medina
B.B.A. (University of Cincinnati)

Michael A. Yates, Ravenna
B.A. (Kent State University)

Greta Ytterbo, Chesterland
B.A. (University of Cincinnati)

Curt Richard Zimansky, Iowa City, Iowa
B.A. (John Hopkins University)

Michael Daniel Zinicola, Cleveland
B.S. (Bowling Green State University)

College of Medicine

Dean: Manuel Tzagournis, M.D.

Doctor of Medicine

Karen Motteller Adams, Toledo
B.A. (University of Toledo)

Thomas Albert Ambrose II,
Las Vegas, Nev.
B.A. (University of California—
Los Angeles)

Robert Luther Aurand, Warren
B.A. (Wittenberg University)

Josephine Anne Barbacci, North Canton
B.A. (St. Louis University)

William Walker Barrington, Toledo
B.A., B.S., M.S. (University of Toledo)

Diane Rose Bernstein, La Jolla, Calif.
B.A. (University of California—San Diego)

Edward Eugene Book, Callensburg, Pa.
B.S. (Grove City College)

Viktor Rodrick Bouquett, Dayton
B.A. (Johns Hopkins University)

Barbara Jo Brooks, East Liverpool
B.S. (Youngstown State University)

Robert William Cifers, Chattanooga, Tenn.
A.B. (The University of North Carolina)

Maria Regina Coccia, Columbus
B.A., M.A., M.S., Ph.D.

Stephen Michael Collins, Columbus
B.A.

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B.S. (United States Military Academy)

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B.A., B.S. (University of North Dakota)

Ernest Gilbert Daniels, Reno, Nev.
B.S. (Colorado State University)

David James Dohmeyer, Miller City
A.B. (Oberlin College)

Daryl Ray Dutter, Brookville
B.S. (Wright State University)

Egon Felix Dzintars, Rapid City, S. D.
B.S. (University of South Dakota)

Randolph R. Evans, Industry, Pa.
B.S. (Pennsylvania State University)

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B.S. (Stanford University)

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Robert J. Gile, Garretson, S. D.
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James Edward Greenwald, Akron
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Brian Patrick Hagerty, Columbus
B.S.

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Robert Paul Hansen, Truckee, Calif.
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Pamela Kay Hilton, North Benton
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Stephanie Lynn Jakim, Lima
B.A.

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Paul W. Jueng, Toledo
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Thomas J. King, Cleveland
A.B. (Hamilton College)

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B.S. (University of Cincinnati)

Marian Korosec, Peru, Ill.
B.S.

Thomas William Kramer, Mansfield
B.S.

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Arthur Hugh O'Leary, Galion
B.A.

Terrence Lee Pansino, Charleroi, Pa.
B.A. (Wittenberg University)

Craig Philip Parker, Plymouth, Minn.
B.A. (Augustana College)

Teressa Joan Patrick, Dayton
B.S. (University of Dayton)

Edwin Cary Pigman, Leesburg
B.S. (Edgecliff College)

Elizabeth Ann Prosser, Emlenton, Pa.
B.S. (Westminster College)

Patrick Alan Raymond, Uniontown
B.S.

Victor Frank Rodriguez,
San Juan, Puerto Rico
B.S. (University of Puerto Rico)

Stephen J. Rolfe, Columbus
B.S.

Thomas Lloyd Royse, New Providence, N. J.
B.S. (David Lipscomb College)

John Michael Russell, Worthington
B.S. (United States Naval Academy)

Robert Steven Schubert, Beachwood
B.S. (Miami University)

Stacy Norman Schulz, New Leipzig, N. D.
B.A. (Jamestown College)

Cary Charles Scott, Cleveland
A.B. (St. Louis University)

David P. Smith, Tallmadge
B.A. (Kent State University)

Mark William Sohner, Stow
B.S. (Xavier University)

Steven Mark Sornsin, Fargo, N. D.
B.S. (St. John's University)

Robert Frank Spurney, Cleveland
B.S. (University of Illinois)

Paul Anthony Stagno, Chicago, Ill.
B.S. (University of Illinois);
M.S., Ph.D. (University of North Dakota)

Alan David Steginsky, Columbus
B.S.

Mark Randolph Stephens, Reno, Nev.
B.S. (Yale University)

Walter Eugene Stevens, Jr., Cleveland
B.A., D.D.S. (Case Western Reserve
University)

Cornelius Wesley Stone, Cleveland
B.A.

Jonathan Dwight Stone, Avon, S. D.
B.S. (Marion College)

Daniel Hillel Teitelbaum, Cleveland
B.A. (Northwestern University)

John Maron Thomas, Warren
B.S.

Daniel Lee Thompson, Colman, S. D.
B.A. (Augustana College)

Kathryn Mary Thrailkill, Toledo
B.S.

Kenneth A. Tjeerdsma, Hull, Iowa
B.A. (Augustana College)

Robert David Tobias, Covington
B.S. (Tri-State University)

Gregory Alan Tobin, Langford, S. D.
B.S. (University of South Dakota)

Michael Robert Towarnicky,
Fessenden, N. D.
B.S. (University of North Dakota)

Mark Anthony Trout, Zanesville
B.A. (Denison University)

Karl John Valentine, Bellbrook
B.S. (University of Cincinnati)

Peter John Vasquez, Ramsey, N. J.
B.A. (Antioch University)

Elizabeth Ann Warner, Columbus
B.A. (Kenyon College)

Keith Mitchell Weiner, Columbus
B.S.

Jeffrey Richard Welko, Lorain
B.A. (West Virginia University)

Mark Frederick Zusan, Columbus
B.A. (Knox College)

School of Allied Medical Professions

Bachelor of Science in Allied Health Professions

Wendy Joy Adaska, Stow
 Danny Terry Allen, Kettering
 Sharon Marie Arbogast, McComb
 Julie Shifley Babcock, Galion
 Martha Adams Bader, West Chester
 Billie Ann Baker, Dayton
 Lisa Jo Beachy, West Jefferson
 Linda Ellen Belsito, Bedford
 Tonda Lou Best, Columbus
 Bernadette Jean Bilick, Strongsville
 Susan Lynne Birchak, Warren
 Elise Michelle Bissonette, Dayton
 Gail Frances Bissonette, Dayton
 Belinda Emily Bixenstine, Kent
 Susan Holloway Boardman, Roanoke, Va.
 Jennifer Lee Boyd, Amherst
 Jayne Louise Brickner, Delphos
 Diana Lynne Jenkinson Britton, Covington, La.
 Lynn Carol Brookfield, Toledo
 Lisa Buckingham, Findlay
 James Justin Byrne, Bucyrus
 Nancy Ann Camp, Berlin Center
 Valerie Jean Campbell, Warren
 Barbara Louise Carey, Girard
 Sue Ann Carlson, Ontario
 Pamela Joy Casey, Youngstown
 Bill Lee Christenson, New London
 Carole Ann Cliff, Mogadore
 Susan Crum Clunk, Radnor
 Mark Alan Coates, Shadyside
 Shelly Haber Cocumelli, Vermilion
 Leslie Ann Coe, Amsterdam
 Linda Jeanne Conley, Columbus
 B.S. (John Carroll University)
 Julie Ann Cramer, Fostoria
 Donna Cristiano, North Olmsted
 Paul Timothy Crosby, Yellow Springs
 Catherine Lynn Cullom, Beavercreek
 Bonnie Sue Dempster, Cincinnati
 Margaret Alice DeWeese, Sidney
 Deborah Ann Dibari, Sandusky
 Diane Marie Dixon, Highland Heights
 Linda Arlene Dobbins, Cincinnati
 Robin Teresa Doce, Mentor
 Jill Ann Dodson, Columbus
 Pamela Sue Dudley, Berlin Center
 Jack Earl Eckroad, Akron
 Carol Marie Elchhorn, Tiffin
 Kevin Eugene Ellinger, West Jefferson
 Marianne Falter, Beavercreek
 Deborah Lynne Ferron, Canton
 Joann Elizabeth Fisher, Dayton
 Karen Sue Fletcher, Beavercreek
 Doreen Renee Florian, Brookpark
 Gwynne R. Forrest, Columbus
 D'Arcy Dawnell Foster, Hamilton
 Debra Schooley Freimark, East Canton
 James Mitchell Freimark, Maumee
 Michelle René Graf, Sugar Grove
 Annette Marie Green, Dayton
 Mary Jean Hallock, Bridgeville
 Valerie Lyn Hanes, Springfield
 Lynn Margaret Hanna, Mayfield Heights
 Jill Marie Hennes, Lorain
 Karen Lynne Herman, Zanesville
 Carmen Eva Hernández, Fairborn
 Patricia Ruth Hewes, Akron
 Nancy Marie Hofstadter, Hamilton
 Annette Ingram Bell, Cincinnati
 Linda Ann Iskra, Wickliffe

Amy Marie Jackson, Oxford
 Joyce Marie Jordan, Farmersville
 Kim Renee Jordan, Cleveland Heights
 Mary Beth Keeley, Dayton
 Kathleen Ann Kelly, Cambridge
 Deborah Ann Kimble, Steubenville
 Sherry Lynn Klappa, Warren
 Alfred G. Klein, Highland Heights
 Jan Elaine Kochensparger, Grove City
 Jay Marie Koester, Ottoville
 Leslie Ann Koltookian, Chelmsford, Mass.
 Mary Ann Labbe, Fairfield
 Nancy Ann LaRoe, Akron
 Timothy Bernard Lee, Heath
 Brett Duane Linse, Columbus
 Rebecca Lynn Maidment, West Chester
 Joan Adele Marn, Columbus
 Patricia Ann Maroda, Toledo
 Linda Emergene Marten, Bowling Green
 Sandy Lynn Martin, Cleveland
 Etta Matel, North Olmsted
 Lynette Ann McCabria, Lima
 Margaret Anne Meenan, Orrville
 Catherine Sue Mehl, Neffs
 Constance Sue Melhorn, Zanesville
 Lynne Mendel, Columbus
 Judy Leah Mendes, Providence, R. I.
 Janet Mary Meyer, Cincinnati
 Curt Miklos, Columbus
 Linda Jo Miller, Columbus
 Naomi Ann Minges, Dayton
 Lynne Etta Moore, Zanesville
 Douglas L. Mosing, Assumption
 Michelle J. Mullane, Canton
 Cynthia Springer Naumoff, Smithville
 Karen Marie Neal, Columbus
 Judith Ann Newport, St. Henry
 Wendy Renee Nishwitz, Warren
 Kathleen Novak, Geneva
 Beth Jeanine Obermyer, Woodville
 Janet Gail Ohmura, Fairview Park
 Kimberly Kay Olds, Worthington
 Kristen Michelle Owens, Steubenville
 Margo Jean Pettit, Shelby
 Ruth Walsh Phelps, Portsmouth
 Robin deMorse Pierce, Buchanan, Mich.
 Laura Zarro Pitzen, Worthington
 Jeri Lynn Powell, Mansfield
 Christine Marie Procknal, Buffalo, N. Y.
 Julie Ann Quinn, Toledo
 Lee Wenner Rapp, Ridgeway
 Dawn Alisa Reeves, Richmond
 Lisa Diane Replogle, Clinton, Ind.
 Mary J. Rinehart, Attica
 Lori Kay Ritenauer, Lorain
 Regina Jan Rog, Lakewood
 Nancy Louise Rosselot, Owensville
 Lesley Kay Ruffener, Bucyrus
 Thomas Myron Sanderson, Perrysburg
 Anna Marie Santa Lucia, Rocky River
 Catherine Marie Schmidt, Canton
 Paul Walter Schmidt, Fremont
 Cynthia Ann Schoo, Columbus
 Karen Stelling Shepherd, Dublin
 B.S.
 Amy Louise Shollenberger, Alliance
 Ted Richard Signet, Kirtland
 Teresa Gail Skinner, Columbus
 Ginnie Strother Smith, Greensprings
 Terry LeRoy Smith, Louisville, Ky.
 Vincent Joseph Smith, Somerset
 Shari Eilyn Smylie, Moreland Hills
 James Joseph Spoerl, Dayton
 Janice Louise Stanek, Euclid
 Karen Lynne Steinmetz, Pickerington
 Diane Marie Stiles, Wapakoneta
 Barbara Jane Stucky, Clyde
 John Robert Syring, Toledo
 Tamara Jane Tampion, North Royalton

Brenda Kay Taubman, Troy
 Vicki Diane Taylor, Columbus
 Katherine Lynne Teeple, North Canton
 Sandra Jean Telljohann, Columbus
 Mindi Gaye Thal, University Heights
 Christine Marie Thomas, Cardington
 Michelle Corey Thompson, Willowick
 Alison Miller Troup, Medina
 Lori Anne Umphrey, Sylvania
 Michael Vanlandingham, Batavia
 Cynthia Anne Ventresca, Akron
 Sharon Marie Verhoff, Kalida
 Gregory Pence Wagner, Loveland
 John William Waite, Barberton
 Tina Marie Waldrop, Virginia Beach, Va.
 Beth Anne Wehrkamp, St. Henry
 Paula Kay Weisbarth, Cleveland
 Gwynn Susan Whitaker, Belle Center
 Cynthia Elizabeth Whitson, Newsoms, Va.
 Harold Bruce Wilson, Springfield
 Kimberly Jane Wott, Tiffin
 Catherine Lynn Clark Wright, Owensboro, Ky.
 Karen Mary Zinck, Mentor
 Mary Beth Zuk, Columbus

Certificate of Post Baccalaureate Circulation Technologist

William Eugene Harris, Youngstown
 B.A. (Ohio Wesleyan University)
 Richard Alfred Vela, West Lake
 B.S. (University of Cincinnati)

Certificate of Post Baccalaureate Medical Technologist

Janis Lynn Hitchcock, Heath
 B.S.
 Hoan Kim Luu, Columbus
 B.S. Pharmacy (HoChiMinh University, Vietnam)
 Nan Marie McHugh, Worthington
 B.S. (Hastings College)
 Angela Luisa Santiago-Franqui, Columbus
 B.S.

Certificate of Study in Physical Therapy

Karin Kimberly Glenn, Akron
 B.A. (University of Akron)
 Wendy Brewer Rennoe, Columbus
 B.A. (Hanover College)

School of Nursing

Bachelor of Science in Nursing

Bertha Ann Adams, Huntsburg
 Franie Riley Ahmad, Delaware
 Paula Roe Albert, Middletown
 Betsy Lou Alier, Findlay
 Karen Anthony, Broadview Heights
 Patricia Joan Armstrong, Warren
 Teresa Yvette Ashe, Cleveland Heights
 Dawn Marie Bailey, Middleburg Heights
 Jacqueline Jo Barns, Cincinnati
 Julie Ann Bartels, Solon

Teresa Ann Beerbower, Rockford
 Linda Sue Beggs, Bluffton
 Mary Margaret Bixler, Columbus
 Nancy Marie Blesner, Oxford
 Sandra Kay Boggs, Gahanna
 Jeffrey Alan Bollinger, Postoria
 Karyl Borneman, Middletown
 Linda Kay Bouldin, Sylvania
 SharonAnn Broderick, Fremont
 Melinda Lee Bryan, Lima
 Cheryl Lynn Burns, Trenton
 Laurel Marie Caleb, Rocky River
 Cynthia Denise Carter, Lorain
 Karen Ann Casey, Hubbard
 Ellen Ann Cessna, Middletown
 Lu Ann Cherrington, Oak Hill
 Charlotte Ann Chidley, Clyde
 Chelma Louise Clark, Grove City
 Tia Jane Cooksey, Hubbard
 Karen Sue Copeland, Wapakoneta
 Tracy Corsaro, Columbus
 Jean Elizabeth Covell, Shaker Heights
 Susan Lorelei Cring, Sunbury
 Tamra Ann Crum, Tallmadge
 Joan Elizabeth Danielson, North Olmsted
 Cinda Sue Davey, Delphos
 Karen Beth Davison, Warren
 Kathryn Amanda DeJonghe, Dayton
 Lynn Ann Diroff, Toledo
 Amy Leanne Dodson, Bellefontaine
 William Henry Eisner, Melvindale, Mich.
 Nancy Sue Emmerich, Dayton
 Nancy Lynn Engler, Massillon
 Sally Sue Erb, Toledo
 Catherine Sue Ernsthausen,
 Spencerport, N. Y.
 Mary Elizabeth Favre, Uniontown
 Edith M. Petzer, Wooster
 Michelle Renee Fisher, Newark
 Janet Elaine Flanagan, Columbus
 Carol Ellen Flaugher, Dayton
 Nancy Elizabeth Foulkes, Columbus Grove
 Lynda Lee Fox, Galion
 Gayle Rene Fraser, Cuyahoga Falls
 Jennifer Lyn Frost, Sufield
 Marcia Lee Gallogly, Columbus
 Penny Susan Gilmore, Dayton
 Donna Jeanette Goettmoeiller, St. Henry
 Deborah Lynn Greeley, Pittsburgh, Pa.
 Lisa Anne Gregory, Cincinnati
 Carol Ann Groenewold, Cincinnati
 Margaret Gulick, Columbus
 Karen Elizabeth Hall, Cincinnati
 Pamela Jo Hall, Worthington
 Mary Ann Hamfeldt, Cleveland
 Cathy Jo Hamm, Chillicothe
 Carol Rajean Harper, Cincinnati
 Nancy Leigh Harper, Columbus
 Antonina Harris, Centerville
 Virginia Shearer Heins, Franklin Furnace
 Lee Anne Higgins, Amherst
 Barbara Lee Hill, Ashland
 Colleen Louise Hindman, Columbus
 Jacqueline Faye Hohulin, Wooster
 Terry Ann Holda, Parma
 Faith Jennifer Hooks, Columbus
 Theresa Ann Houchin, Cincinnati
 Diane Marie Howard, Cadiz
 Mary Kay Hoying, Vermillion
 Carol Pilot Hudson, Columbus
 Joan Thresine Jennings, Lima
 Martha Elizabeth Johnston, Cincinnati
 Patricia Marie Jones, Frankfurt
 Patricia Ann Kagy, Columbus
 Lynne Ann Kelch, Carrollton
 Kay Ellen Kolb, Dayton
 Judith Jean Kramer, Lorain
 Lisa Christine Kuspier, Maple Heights
 Linda Sue Lapp, Coshocton

Dawn Lynette Lee, Berlin
 Amy Louise Lewandowski, Toledo
 Sylvia Dawn Lhamon, Lima
 Angela Ann McCullough, Centerville
 Carol Anita McDonald, Westlake
 LuAnn Melnik, Brunswick
 David Donald Meyer, Defiance
 Deborah Ann Middlebrooks, Dayton
 Sally Ann Miller, Ashville
 Teresa Elaine Miller, Loudonville
 Shelley Marie Morris, Steubenville
 Beth Lorraine Morrison,
 Port Jefferson Station, N. Y.
 Cynthia Barbara Moscato, Cleveland
 Valerie Ann Murchake, Columbus
 Hilanah Mushahwar, Strongsville
 Melinda Wetherill Myers, Worthington
 Tracy Ann Nein, Westerville
 Rebecca Ruth Nevil, Peebles
 Darla Kay Newberry, Mansfield
 Carrie Ann Niemeyer, Cuyahoga Falls
 Janet Ellen Noll-Wessels, North Ridgeville
 Anthony John Omior, Sandusky
 Nancy Otto, Martins Ferry
 Jenie Lynne Owens, Columbus
 Amy Susan Price, Athens
 Lisa Lynette Raines, Columbus
 Terry Lee Rawsley, Columbus
 Lori Sue Ray, Springfield
 Wanda Juanita Reese, Jackson
 Cynthia Janet Reker, Medina
 Deborah Ann Renfro, Mansfield
 Kathleen Anne Robertson, Columbus
 Indrani Soma Rodrigo, Horana, Sri-Lanka
 Tamuel Brooks Rodu, Bethel Park, Pa.
 Rita Mary Romstadt, Curtice
 Randall James Ryan, Columbus
 Susan Catherine Sansbury, Columbus
 Michelle Sullivan Saunders, Akron
 Lynda Lee Savage, Gahanna
 Gwen Marie Schneider, Columbus
 Lois Ann Schostek, Columbus
 Christine Ann Schultz, Cincinnati
 Teresa Ann Seckel, Columbus
 Yvonne Maybeth Seymour, Hamilton
 John Arthur Sigg, Wauseon
 Colette A. Sitko, Akron
 Susan Jane Smith, Columbus
 Debra Jane Snodgrass, Lorain
 Mary Beth Spagnola, Campbell
 Rebecca Lou Staker, Portsmouth
 Laura Beth Starks, Hudson
 Karen Renee Straka, Toronto
 Jacquelin Ann Studer, New Washington
 Cheryl Ann Switzer, Lakewood
 Judith Ann Swoboda, North Olmsted
 Lynn Marie Tartaglia, Brook Park
 Lisa Bidell Thomas, Columbus
 Sheryl Aileen Tober, North Olmsted
 Srimati Prajita-Devi Tribhuwan, Columbus
 Alice Marie Tzagournis, Columbus
 Jon Martin Veith, Amherst
 Teresa Anne Verhine, Columbus
 William Amos Verhoff, Columbus Grove
 Cynthia Alba Villavecer, Westerville
 Lisa Helen Vincke, Kettering
 Carol Jean Vuksta, Youngstown
 Rita Joan Walker, Zanesville
 Jamie Sue Weller, Cincinnati
 Lou Cook West, Columbus
 Cynthia Ann Whalen, Centerville
 Lynda Marie Wheatley, Columbus
 Kathleen Marie Whitman, Akron
 Sue Ann Wigglesworth, Columbus
 Susan Williamson, Centerville
 Jo Helene Wilson, Thornville
 Lauren Zadel, Richfield
 Nancy Jane Zulliger, Lima

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Thomas Massimo Abruzzi, Warren
 B.S.
 Phillip Eugene Apfel, Trotwood
 B.S.
 Gregg Alan Baldwin, Dayton
 Bradley Paul Bangstad, Buffalo, Minn.
 B.A. (Concordia College, Minn.)
 Mark Daniel Bennett, Findlay
 B.S.
 Samuel Alfred Borchers, Fairborn
 B.S.
 Paul William Cardinal, Fridley, Minn.
 A.A. (North Hennepin Community College)
 Susan A. Cook, North Canton
 B.S.
 Michael Alan Cooper, Toledo
 B.S.
 Kevin Thomas Corcoran, Lakewood
 B.S.
 Stanley L. Darnell, Bucyrus
 David Lee DePugh, Chillicothe
 B.S.
 Richard Stephan Deutch, Columbus
 B.S., M.S. (University of Dayton)
 Kerri Ann Dietz, Plattsmouth, Neb.
 Thomas Stephen Dunham,
 Valley City, N. D.
 B.S. (University of North Dakota)
 James Laurence Edick, Mt. Vernon
 William John Flynn, Greenfield
 B.A. (Otterbein College)
 Thomas Neil Garner, Lindsey
 B.S.
 Michael Anthony Golitz, Houston, Pa.
 Donald Gracon, Cleveland
 Kenneth Allen Gregg, Lima
 Daniel John Haas, Galion
 Robert Scott Hammond, Alliance
 Richard Patrick Haney, Columbus, Neb.
 Sally Ann Hartenstein, Salem, N. H.
 Matthias Helfrich, Fairview Park
 B.S., B.S.
 Diane Beth Heyman, Columbus, Neb.
 B.A. (Doane College, Neb.)
 Flavel Josef Heyman, Upper Sandusky
 B.S.
 Amy Loreen Ice, Grand Junction, Colo.
 Timothy Howard Istock, Ft. Pierce, Fla.
 B.S., M.A.

College of Social Work

Acting Dean: Thomas M. Meenaghan

Bachelor of Science in Social Welfare

Garry Marc Appleton, Cleveland Heights
Alvin Austin, Jr., Warren
Donna Y. Baker, Columbus
Donna June Bauman, Grove City
Susan Marie Beekman, North Olmsted
Paul Foster Behling, Columbus
Marci Zeth Berger, Cleveland
Stephanie Lynn Bisca, Columbus
Yolanda Denise Blair, Cincinnati
Donald James Brewer, Fairfax, Calif.
Belinda Lee Broyles, Gallipolis
Thomas John Brudzinski, Fremont
Avalon C. Bultema-Wilson,
St. Joseph, Mich.
Deborah Ann Burgett, Montgomery
Lavone Caldwell, New London
Teresa Jean Combs, New Lebanon
Kelley Frances Conway, Mt. Vernon
Caroline Copeland, Springfield
Michelle Ann Cramer, Perryville
Pamela L. Craycraft, Columbus
Mary Frances Detamore, Columbus
Debra Lynn DeVore, Columbus
Diane Mary Dickerson, Powell
Laurie Lynn Dini, Columbus
Margaret Lynn Dixon,
St. Bernard's Newfoundland, Canada
Pamela Kay Dixon, Columbus
Kimberly Anne Downs, Amlin
Clara Marie Figuerell, Prospect
Laura Ann Fox, Worthington
Shelley Jo Goodiel, Conneaut
Sandra Theresa Guancial, Columbus
Margaret A. Hickle-Grimm, Wintersville
Amy Beth Hirsch, Beachwood
Laurie Ann Holman, Fostoria
Carla Sue Householder, Bremen
Yolanda Denise Hunt, Cleveland
Carolyn Sue Kopley, Bowie, Md.
Jean Marie King, Mansfield
Joy Sherry Kossoff, Beachwood
Kathy Jo Kretch, Beachwood
Patricia Ann Lammers, Leipsic
Michelle Alayne Lepley, Barberton
Marilyn Jean Lewis, Columbus
Jennie K. Lipphardt, Granville
Victoria Marie Lombardo, Reynoldsburg
Lisa Gabrielle Long, Columbus
Traice Jean Mace, Canton
Tina Lynn McCauley, Columbus
Mary Katherine McClelland, Columbus
Anne Brinson McConnell, Coshocton
James Arthur McDermott, Toledo
Elizabeth Louise McGrath, Springfield
Cynthia Lou McIntosh, Urbana
Jill Sue Maddux, Washington C. H.
Tammy Lynn Marcum, Columbus
Karen Massey, Springfield
Marti Jo Mays, Chesapeake
Lynn Catherine Mazza, Cincinnati
Kim L. Mellon, Zanesville
Mary Anastasia Michael, Delphos
Laura Lynn Minner, London
Susan Lee Moon, Ashland
Robin Jane Moore, Chillicothe
Jennifer Lynn Neubauer, Crystal Lake, Ill.
Amy Lynne Newcomer, Cincinnati
Allison Jean Nortoff, Rocky River
Marilyn D. O'Hara, Laurelvilla
Melissa Elizabeth Perkins, Columbus

Thomas Milo Kelly, North Olmsted
B.S. (Kent State University)
Robert Thomas Kirk, Jr., Columbus
B.S.
Paul Erwin Koch, Chelsea, Mich.
B.S. (The Defiance College)
Tamara Mault Kuhlmann, Westerville
Kevin A. Langel, Omaha, Neb.
Clara Long Lawrence, Columbus
Kris Edward Lind, Wauseon
B.S. (Bowling Green State University)
Dale Pearson Lindsey, Parma
B.S.
Mark Allen Mathews, Fremont
Paul Richard Meyer, Cincinnati
David Bertin Ness, Excelsior, Minn.
B.A. (Luther College)
Lisa Lynn Nirode, New London
Gary Neal Orsborn, Columbus
Philip Charles Paros, Canfield
B.A., B.A.
Richard Scott Penny, West Milton
B.S. (Wright State University)
Deno Michael Persiani, Dillonvale
Harold Lee Pickens, St. Clairsville
B.S., M.S.
Gertrude E. Roth, Mansfield
Keith Lee Sellers, Marysville
Debra Lynne Sheltz, Reynoldsburg
Dana Scott Snyder, Orchard, Neb.
B.S. (Kearney State College)
Mary Jo Stiegemeier, Mayfield Heights
B.S.
Nancy Louise Sullivan, Lancaster
Ronald Allan Wheeler, Ashtabula
B.S. (Harding University)
Mark Joseph Wilson, Heath
Philip Keith Winkler, Willshire
B. of Liberal Studies (Bowling Green
State University)
Jane Lee Wolford, Columbus
Nick B. Zurich, Amherst

Beth Carson, Ashland
Jean Ann Clouse, New Riegel
Lisa Ann Coats, Findlay
Lisa Gail Cohen, Columbus
Brian Keith Collier, Portsmouth
Wayne Charles Conty, Galion
Sean Dennis Cull, Columbus
Edward Jerome Dannemiller, Lancaster
Charles Alan DeFilippo, Yorkville
Tina Marie DeVries, Kettering
Timothy Allan Esbenschade, Mansfield
Randy Douglas Fasnacht, Brookville
Christy Jean Freeman, Collegeville, Pa.
Anne Marie Freshley, Hudson
Glenn Scott Garrison, Columbus
Lisa Ann Gervelis, Kinsman
B.A. (Hiram College)
Steven Neil Greene, Beachwood
Joseph Dickson Grubb II, Westerville
B.A. (Heidelberg College)
Kevin Caldwell Horsefield, Columbus
Elaine Michele Hudak, Campbell
Marc Anthony Iacobucci, Cincinnati
Lois Ellen Joch, Fairborn
Gail Louise Jungbluth, Sheffield Village
Jean Marie Khouri, Lakewood
David Scott Knechtges, Grafton
Timothy Ernest Kosty, Barrington, Ill.
Frank Joseph Krivanek, Parma
Elizabeth Mary Kudlacez, Parma
Julie Greiner Lamm, Columbus
James Andrew Lantz, Hamilton
Julie Mae Larson, Edinboro, Pa.
Jack Lemanowicz, Brook Park
Donna Lee Lesnansky, Massillon
James Michael Lionetti, Wadsworth
Susan Marie Lisby, Warren
Jerry George Lischak, Akron
Teresa Anne Lopienski, Akron
Eric Joseph Luckhaupt, Loveland
Anthony Massiello, Euclid
Gregory Alan Matronia, Canton
David Edward McKenney, Columbus
Toni Ann Mellen, Amherst
Holly Jean Merritt, Cincinnati
Teri Lyn Morvai, Barberton
Cynthia Ann Myers, Miamisburg
James Brian Myers, Youngstown
Doria Palcko Niedenthal, Navarre
John Eric Pabst, Canal Winchester
Max John Peoples, Medina
Kenneth Stuart Prayzer, Lorain
Leonard James Richards, Canton
Michael Martin Riley, Cleveland
Victor Francis Rozance, Euclid
Luanne Sue Saas, Columbus
Douglas John Scheckelhoff, Ottawa
Elizabeth Livingston Shannon, Columbus
Joan Louise Sherban, North Canton
Alan John Siefker, Miller City
John William Simes, Cincinnati
Jennifer Ann Smich, Parma
David Shawn Smith, Zanesville
Terrence Lee Tucker, Swanton
Kathy Allison Vara, Mayfield
Karen Hedge Wooten, Columbus
Kent Allen Zellner, Tiffin
Deborah Lynn Zimomra, Newton Falls

College of Pharmacy

Dean: Albert H. Soloway

Bachelor of Science in Pharmacy

Ann Kathryn Alden, Painesville
Elizabeth Ann Baumgardner, Solon
Bradley Eugene Berlekamp, Sidney
Beth Ann Bond, Columbus
Gary Woods Bumgarner, Wilmington
Lisa Christine Burkhardt, Akron

Laurel Elaine Perna, Bay Village
 Susan Lynn Pierce, Winter Park, Fla.
 Mary Jane Quick, Columbus
 Toni Dawn Ramirez-Mericle, Elyria
 Rebecca Jane Ramsey, Columbus
 Julia Ann Rankin, Vandalia
 Claudia Marie Reed, Pittsburgh, Pa.
 Sean P. Reilly, Worthington
 Mary Beth Rigo, North Olmsted
 Judy Beth Rosen, Columbus
 Barbara Jill Scali, Pepper Pike
 Lane Arthur Schlessel, Mayfield Heights
 Kathleen Mary Sexton, Cincinnati
 Tamara Sue Shaffer, Fremont
 Precia Jo Shenk, Lima
 Alyce Anne Shomper, Huber Heights
 Barbara Ann Shook, Bloomville
 Dawn Yutzy Showalter, Plain City
 Anne Stephanie Silverman, Columbus
 Jacquelyn Ann Skinner, Columbus
 Suzanne Allyn Smailes, Wooster
 Marian Beth Soppe, Reynoldsburg
 Susan Louise Spiri, Willoughby
 Rebecca Sue Sprague, Lima
 Sarah Anne Starlin, Columbus
 Lewis R. Stewart, Jr., Chillicothe
 Renee Simone Stigger, Columbus
 Sharon Gail Teplitsky, Gahanna
 Paula Terry-Locke, Dublin
 Barbara Ann Tewart-Darwin, Columbus
 Amy Catherine Tischbein, Cincinnati
 Jill Marcey Tucker, Russell
 Cynthia R. Turik, Manchester
 Karen Louise Vendeland, Lyndhurst
 Daniel E. Walker, Columbus
 Marie Ann Wargelin, Warren
 Dawn Renee Wentz, Coshocton
 Tamara Whiteman, Chillicothe
 Aleta Janine Willard, Eton
 Joyce Kathleen Wilson, Ironton
 James Randall Worthington,
 Upper Sandusky
 Allison Marie Zadel, Richfield

College of Veterinary Medicine

Dean: Ronald A. Wright

Doctor of Veterinary Medicine

Allan P. Adair, Paris, Ky.
 B.S. (University of Kentucky)
 Sarah Stamey Adair, Winston-Salem, N. C.
 B.S. (University of North Carolina)
 Sharon Ann Adler, Fort Washington, Md.
 B.S. (West Virginia University)
 Carla Hart Allen, Mansfield
 B.S.
 Constance Joan Anderholm, Columbus
 B.S.
 Lawrence Webster Anson, Columbus
 B.A. (Wooster College)
 Carey Rex Aron, Youngstown
 B.S.
 Nancy Ellen Ball, Cincinnati
 Gary G. Bamberger, Strafford, N. H.
 B.S., M.Sc. (University of New Hampshire)

Samuel Joseph Banks, McRoberts, Ky.
 Connie Ruth Barnes, Wooster
 B.S.
 Robert Randall Basinger, Mansfield
 Sharon L. Bennett, Cincinnati
 B.S. (University of Cincinnati)
 Joseph Charles Boneau, Covington, Ky.
 B.A. (University of Cincinnati)
 Robert Charles Brady, Florham Park, N. J.
 Cheryl Anne Branibar, Sparta, N. J.
 B.S.
 Jennifer Dawn Brundage, Brecksville
 B.S.
 Mary Frances Brune, Centerville
 B.S., M.Sc. (Wright State University)
 Robert Alan Bullis, Jr., Morgantown, W. Va.
 B.S. (West Virginia University)
 Richard Leroy Byers, New Castle, Pa.
 Maria Steichen Calderone, Columbus
 B.A. (Earlham College)
 Gregory Lee Cantrell, Shreve
 B.S.
 Eric R. Carlson, New Hampton, N. H.
 B.S. (University of New Hampshire)
 Mark David Carlson, Fairborn
 John Melvin Cartwright, Salesville
 B.S.
 Julia Lynn Christian, Blanchester
 B.S., M.Sc. (Auburn University)
 Scott Bradley Citino, Salem
 B.S. (University of Notre Dame)
 Lawrence Allen Cohen, Cleveland
 B.S.
 John Robert Cole, Cincinnati
 B.S. (Furman University)
 Gail Eugenia Counts, McDermott
 B.S. (Ohio Dominican College);
 M.Sc. (University of Wyoming)
 Thomas Michael Coyle, Kettering
 B.S.
 Daniel Bartter Crocker, Franklin, Ky.
 B.S. (University of Kentucky)
 Robert Donald Dahlhausen, Columbus
 B.S., M.Sc.
 Rick Lee Daugherty, Wooster
 B.S.
 Cindie R. Davis, Westerville
 Lisa Ann Davis, Athens
 Steven Peter DeBruin, Amanda
 B.S.
 Robert John Dehler, Columbus
 B.S.
 Amy Marie Dicke, Xenia
 B.S.
 Diane S. Dodd, Chagrin Falls
 B.S.
 David Ralph Duncan, Maple Heights
 Robert Bruce Duncan, Jr., Georgetown, Tex.

Jeffrey Lynn Eubank, New Paris
 B.S., M.Sc.
 Andrew Stephen Fix, Batavia
 B.S. (University of Cincinnati)
 George L. Foley, Verona, N. J.
 B.S. (Pennsylvania State University)
 James Andrew Ford, Jr., Xenia
 B.S.
 Timothy John Friel, Rocky River
 Susan Marie Fullenkamp, Maria Stein
 B.S., M.Sc. (Cornell University)
 Bradford Lee Garrison, West Salem
 B.S. (Heidelberg University)
 Lawrence Mark Gilman, Beachwood
 B.S.
 Kristin Louise Gottling, Cincinnati
 A.B. (Miami University)
 John Douglas Gregory, Napoleon
 B.S.
 Patricia Hardy Haines, Cincinnati
 B.S.
 Peter William Hellyer, Akron
 B.S.
 Rebecca Jane Hodge, Raleigh, N. C.
 B.S. (North Carolina State University)
 Patrick Laurence Holden, Glen Burnie, Md.
 B.S. (University of Maryland)
 Brian E. Holub, Cincinnati
 B.S. (University of Cincinnati)
 Thomas Reid Homan, Moorefield, W. Va.
 Vicki Lynn Horton, Cincinnati
 B.S.
 Christopher J. Horvath,
 Morgantown, W. Va.
 B.S. (West Virginia University)
 Julie Janetos Hurley, Rollinsford, N. H.
 B.S. (University of New Hampshire)
 Edward John Huschart, Columbus
 B.S.
 Ellen Janet Imhof, Hiram
 B.S.
 Kenneth Bruce Isherwood, Akron
 Katherine Lee Johnson, Seattle, Wash.
 B.S. (Evergreen State College)
 Janet K. Johnston, Piqua
 Peyton Alexander Jones,
 Princess Anne, Md.
 Michele Lee Karl, Columbus
 B.S.
 Paula June Kaufman, Livingston, N. J.
 Phyllis Sue Kimmelman, Mt. Laurel, N. J.
 Anne Lewis Kincaid, Charlotte, N. C.
 Joel Coulombe Kitchens, Batavia
 B.S.
 David Wayne Knapp, Concord, N. H.
 B.S. (University of New Hampshire)
 Alan Ray Knowles, Kinsman
 B.S. (Bowling Green State University)

Janet Beth Langenderfer, Enon
A.B. (Miami University)

Jamie Glen Lindstrom, North Ridgeville
B.S.

Philip Alan Lowe, Beverly
B.S.

Elaine Elizabeth Lutz, Clark, N. J.
B.S. (Virginia Polytechnic Institute and State University)

Robert H. Lynch, Louisville, Ky.
B.S. (University of Kentucky)

Randy Carl Lynn, Bath
B.S., M.Sc.

Cathie Sue Marshall, Columbus
B.S., M.Sc.

Diane Elaine Mason, Loveland
B.S. (Ohio University)

M. Theresa Masters, Columbus
B.S.

Lisa Robyn Meltzer-Press, Fair Lawn, N. J.
B.S.

William Russell Meyer, Columbus
B.S.

Alice Wittmeyer Mills, Springfield
B.S., M.Sc.

Caryn J. Mills, Chesterland
B.S.

Susan Janet Morton, Somerville, N. J.
B.S. (Delaware Valley College)

Jennifer Fairchild Moulton, Columbus

Ronald R. Moutvic, Columbus
B.S.E.E. (University of Illinois) ; M.Sc.

Laurie J. Newby, Norfolk, Va.
B.S. (Virginia Polytechnic Institute and State University)

Donna Lynn Nicol, Homeworth
B.S. (Ohio University)

Daniel Edward Overmeyer, Defiance

Mark Alan Parker, Ashland, Ky.
B.S. (Georgetown College)

Kirk Gordon Perkins, Dayton

Robert Edwin Porter, Jr., Cuyahoga Falls
B.S.

Robert Hart Prasse II, Fredericksburg, Va.
B.S. (Virginia Polytechnic Institute and State University)

Virginia Topliff Prince, Cincinnati
B.S. (Cornell University)

Charles Steven Radabaugh, Columbus
B.S., M.Sc.

Carol Osborne Rapisarda, Chesterland

Ronald Alan Reagh, Chagrin Falls
B.S. (Miami University)

Jeffrey Lloyd Rhody, Baltimore, Md.

Robert Clinton Rigbsy, Raleigh, N. C.
B.S. (North Carolina State University)

Liesa Ann Rihl, Cedarville
B.S.

Robert Frederick Roberts, Akron
B.S. (University of Akron)

T. Arch Robertson, Gates Mills
B.S.

Michael David Robison, White Plains, N. Y.
B.S. (Indiana University) ;
M.Sc. (Emory University)

Patricia L. Rose, Greensburg
B.S.

Robin K. Rosen-Sharp, Cincinnati

Robert Charles Rosing, Columbus
B.S. (University of Cincinnati) ; M.Sc.

Deborah Long Sams, Columbus
B.S. (Denison University) ; D.D.S.

Martha Jane Schaad, Columbus
B.S.

Tod James Schadler, Columbus
B.S.

Mark John Schlesinger, Medina
B.S.

Susan Elizabeth Schmidt, Lyndhurst
B.S.

Carl Romie Schumaker, Carlisle
B.S.

Mary Kay Schwab, Dublin
B.S.

David Roy Smith, Xenia
B.S.

Bruce John Solomon, Cleveland
B.A.

Norman David Stewart, Columbus
B.S., M.Sc.

Sheryl Lynn Strasser, Rockville, Md.

Earl Coleman Sutherland III, Fairborn
B.S.C.E.

Clifford Richard Swanson, Columbus
B.S., M.Sc.

Craig Leslie Sweeney, Raleigh, N. C.
B.S. (North Carolina State University)

Jan Paul Tamarkin, Alexandria, Va.
B.S. (Virginia Polytechnic Institute and State University)

Jennifer Marie Thorpe, Troy
B.S.

Amy Sue Tidwell, Louisville, Ky.

Marc Henry Toennies, Columbus
B.S., M.Sc.

Marcia Maria Vandermause,
Takoma Park, Md.

Daniel Craig Venner, Toledo
B.S. (University of Toledo)

Jennifer Hindman Voss,
Morgantown, W. Va.
B.S. (West Virginia University)

Donna Lee Walker, Mayfield, Ky.
B.S. (University of Kentucky)

Rosemary Henik Welt, Cincinnati
B.S. (Northern Kentucky University) ;
M.Sc.

Jerry Lee Wenger, Dalton
B.S.

Kristine Elaine Willaman, Canton
B.S. (University of Cincinnati)

Debra Heldman Williams, Arlington

Warren Lee Wilson, Columbus
B.S.

Cheryl Armor Winslow, Cincinnati
B.S. (University of Cincinnati)

Graduates with Honors

Criteria for graduation with honors are as follows:

With Distinction requires successful completion of a Senior Honors Thesis, oral examination, and graduation in the top 25% of the class.

With Honors in the Liberal Arts requires successful completion of the Arts and Sciences Honors Contract and graduation in the top 25% of the class.

Cum Laude designates those graduating in the top 10% of the class (top 6% in the Colleges of the Arts and Sciences).

Summa Cum Laude designates those graduating in the top 3% of the class (top 1.5% in the Colleges of the Arts and Sciences).

With Distinction in Agricultural Economics
Jeffrey C. Cox

With Distinction in Agricultural Education
Daniel D. Dull
Kathleen Ann Guthel

With Distinction in Agronomy
Daniel D. Dull
Mary Lee Sauffer

With Distinction in Animal Science
Tammie Lyn Smith
Brian Robert Ward

With Distinction in Chemical Engineering
Martindale Nelson
Christopher Richied

With Distinction in Dairy Science
Todd David Kranz

With Distinction in Economics
Peter Andrew Cooper

With Distinction in Electrical Engineering
Allison Lee Oldfield

With Distinction in Family Relations and Human Development
Lynne Marie Girard

**With Distinction in Food Science
and Nutrition**

LeAnn Sue Eyerman

With Distinction in Forest Biology

Thomas Edward Berneike
Maureen Cecilia Newkold
Martin Alan Spetich

With Distinction in Mechanical Engineering

Robert Luther Orndorff

With Distinction in Mining Engineering

Richard D. Goodman

**With Distinction in
Natural Resources Development**

Howard Sidney Bowns, IV

With Distinction in Poultry Science

Christina J. Winget

With Distinction in Psychology

Pamela Sue Carter
Robert Alan Ceisler
Daniel B. Horne

With Distinction in Welding Engineering

Kenneth John Gangl

With Distinction in Wildlife Management

Carla S. Mayers

With Distinction in Zoology

Susan Mae Emans

**With Distinction in Anthropology and
with Honors in the Liberal Arts**

Cynthia Kathleen Hendrix

**With Distinction in Economics and
with Honors in the Liberal Arts**

Andrew Scott Bush

**With Distinction in Psychology and
with Honors in the Liberal Arts**

Mary Joann Allen

With Honors in the Liberal Arts

Alp Sinan Baran
Kevin Michael Chambers
Nancy L. Essex
Elise Marie Eustice
Judith Ann Fairly
Melissa Beth Frankel
Stephen W. Fry
Karen Virginia Guss
Kimberly Sue Hague
William Kenneth Jones, Jr.
Richard Tucker Kaul
Joseph Thomas Khoury, Jr.
Lisa Jolene Klempay
John David Pelfrey
Stephen Christopher Phillips
Cheryl Annette Ryder
Michael Ruric Sprowls

Miriam Ann Tucker
Charles Albert Vannatta
David Donald Watson

Cum Laude

Colleen Ann Alexander
Carla Hart Allen
Robert Mark Andes
Lawrence Webster Anson
Gregory Lee Arthur
Terry L. Artrip
Linda Ann Balzano
Patricia E. Barbee
Thomas James Barnum
Thomas William Bates
Rajnish Kumar Batra
Montgomery Lee Bauman
Linda Ellen Belsito
Brian Lee Berry
Stephanie Lynn Bisca
Gregory Mark Blackstone
Nancy Marie Bliesner
George Henry Boerger
Cathy Elaine Boos
Coy Lynn Boroff
Linda Kay Boudin
Mitchell Andrew Brack
Robert Charles Brady
Jackie Lynne Branson
Kathy Lynn Brosch
Avalon C. Bultema-Wilson
Tamara Sue Bumpus
Richard H. Burns, Jr.
Karen Sue Burrows
Susan Elaine Butt
Marybeth Buttress
Valerie Jean Campbell
Lisa Marie Cannon
Boyd Alan Carlson
Mark David Carlson
LuAnn Cherrington
Ann Denise Christy
Brent Eric Clinehens
Valeri Kay Conley
Leah Anne Crawford
Jeffrey William Crecelius
Rex A. Culver
Dale Joseph Daniels
Timothy Clifton Dawes
Carl Paul DeBruin
Catherine Anne DeFrancis
James Scott Detling
Sallee Ann Dignonno
Andrew David Dottermusch
Mary Kathryn Dougherty
Lori Jane Dulworth
Robert Bruce Duncan
Karen Eisenloffel
Phillip Elmo
Reneé Cecelia Erb
Carol Anne Finger
Joann Elizabeth Fisher
Monica Anne Flynn
George L. Foley
Joseph Earl Fondriest
Warren Kent Fox
Tamila Lynn Franklin
Michelle Lynn French
Kevin Paul Frydryk
Roger L. Frye
Michael Duane Garten
Ronald Joseph Gaudio
Douglas Gilbert Genninger
Roberta Chadwick Gerlach
Timothy Ray Gillman
Michael Frederick Glantz

Julie L. Graw
Annette Marie Green
Diane L. Griffith
Tamara Lou Gross
James Reid Hahn III
Kevin David Hall
Tracy Lee Hall
Jan Marie Hammer
Darrell John Hanf
Barbara Anne Hanson
Barbara Jean Hendricks
Tracy Ann Hicks
Brian Anthony Higgins
Laura Estella Hill
Robert Michael Hines
Carolyn Sue Hixon
Michael James Hoffman
Steven Kent Hohulin
Peter John Holjevac
Ingrid Anita Holzwarth
Vicki Lynn Horton
Edward Kevin Hrusovsky
Rodney L. Huffman
Joseph Lawrence Hutta
Paul Joseph Iacobelli
Terri Ann Iley
Daniel Allen Jackson
Nina Lucille Jackson
Donald James Jacob
Ronald Brian Jenkins
Laura Lee Jenkinson
Joan Thresine Jennings
Linda Suzanne Jones
Kevin Howard Kast
Eileen Therese Kellner
Cheryl Lynn Kennedy
Dawn Michelle Kessler
Carrie Anita Kester
Anne Lewis Kincaid
Alfred G. Klein
David Scott Knechtges
Elaine Celia Knoll
Monica Ann Knue
Leslie Ann Koltookian
Laura Leigh Koppes
Brian John Kost
Judith Jean Kramer
Deborah Lee Kratooski
Frank Joseph Krivanek
Elizabeth Mary Kudlacz
Tamara Mault Kuhlmann
Michael Scott Kvitko
Nancy Ann LaRocca
John Marvin Leslie
Maria Lynn Lager
Julie Greiner Lamm
Michael David Landes
Carol Sue Landrum
Kevin A. Langel
Arnold Ira Leeb
Philip Carl Lehenbauer
James Arthur Leonard
John Marvin Leslie
Catherine Lee Lhamon
Lori Kathleen Lutz
Julie Ann Luzny
Suzette Ann Maghes
Barbara Ann Maiberg
F. Howard Mandel
Sharon Beth Marks
Barbara Jo Martin
Michael John Matiscik
John Charles McBride
Lauren Caborn McCoy
Robert Brown McGhee, Jr.
Gale Lynn McHenry
Kenneth Karl McMahon
Scott Thomas McPherson
Michael Steven McQuaid

John Philip Mehegan
 Karen Lee Meier
 Philip Francis Mendiola
 Amy Lynn Middleton
 Kathy Lynn Mitchell
 Vina Bermudez Mogg
 Gerald A. Moore
 Susan Janet Morton
 Maroun Mansour Moussalem
 Valerie Ann Murchake
 Lisa Marie Murphy
 Carol Suzanne Nolan
 Janet Ellen Noll-Wessels
 Ralph Carlo Nolletti
 Patricia Kay Noykos
 Mary Elizabeth O'Brien
 Casey Louis O'Connor
 Beth Jeanine Overmeyer
 James L. Olivier
 Michelle Lynn Ott
 John Edward Otten
 Teresa Ann Ours
 Gregory Linden Paul
 Barbara Bucklin Payne
 Richard Scott Penny
 Mary Ellen Pesek
 Sarah L. Peterson
 Laura Zarro Pitzen
 Rick Lee Poeppelman
 Bradford James Porter
 Kathleen Mary Stansbery Potts
 Judith Ann Primmer
 Robert E. Pritchard
 Debra Ann Proper
 Karen Kay Purdum
 Doris R. Purvis
 Joy Elizabeth Pusti
 Robert E. Pyle, Jr.
 Timothy Lee Ramsier
 Michael Joseph Rankin
 Rhonda Louise Ratliff
 Elaine Jennifer Rauch
 Lori Sue Ray
 Linda S. Reeder
 Faith E. Reidenbach
 Vanessa Dawn Resler
 Jeffrey Lloyd Rhody
 Leigh Ann Robertson
 Michael David Robison
 Patricia Jane Rockwell
 Keith Richard Rohrer
 Patricia L. Rose
 Douglas Duane Roth
 Lesley Kay Ruffener
 John Michael Russell
 Lori Barnett Ryan
 Carrie Allene Scarff
 Tammy Hoshor Scheidegger
 Mary Kay Schwab
 Lynnnita Kaye Segovia
 Keith Lee Sellers
 Terry Shafer
 Tamara Sue Shaffer
 Christopher Allen Shealy
 Sanford Len Shew
 Dawn Yutzzy Showalter
 Anne Stephanie Silverman
 Gary Allen Simons
 Diane Marie Smagatz
 Bradley Noel Smith
 Ida Adella Ann Smith
 Mary Joan Smith
 Stephen John Snider
 Lance Philip Spellerberg
 Melinda Gay Spencer
 Robert Frank Spurney
 Randall Mark St. Laurent
 Jane Maier Standley
 Janice Louise Stanek

Alan David Steginsky
 Gregory Lee Stevens
 Lucille Josephine Stiger
 David Alan Straka
 Jack Charles Sullivan
 Craig Leslie Sweeney
 Judith Ann Swoboda
 Bradley Keith Taylor
 Donna Gale Taylor
 Douglas A. Taylor
 Daniel Hillel Teitelbaum
 Sharon Gail Teplitsky
 Suzanne Carole Terrant
 William Brian Thacker
 Todd William Thompson
 Amy Sue Tidwell
 Kathy R. Trabue
 Janet Lynn Trifonoff
 Melaine Kay Trout
 Alan Dean Tumblyn
 Douglas Alan Turner
 Margaret Lynn Uland
 Carol Marie Vorst
 Constance Ann Walter
 Susan Dillman Waterbury
 Dennis Wade Watson
 Patricia Joan Welsh
 Todd William Westhafer
 Kimberly Sue Wheeler
 Sandra Lee Whisler
 Joel Morris White
 Douglas Edwin Wickerham
 Stephanie Anne Wiley
 Robert Henry Williams
 Joyce Kathleen Wilson
 James Timothy Wood
 Timothy Lee Workman
 Lawrence Oliver Wright
 Scott David Wyler
 Timothy Lee Yost
 Michael Joseph Zeleznik
 Robert Edward Zimmerman

**Cum Laude with Distinction in
 Aeronautical and Astronautical Engineering**
 Ann Patricia Kerslake

**Cum Laude with Distinction in
 Animal Science**
 Kathy Lee Hamilton

Cum Laude with Distinction in Chemistry
 Lucius Seiberling Fox

**Cum Laude with Distinction in
 Dairy Science**
 Lawrence R. Jones

**Cum Laude with Distinction in
 Environmental Communication**
 Vivian Lee Stockman

**Cum Laude with Distinction in
 Forest Resource Management**
 Daniel R. Balser
 James Michael Roshetko

Cum Laude with Distinction in Geography
 Tamara Sue Hower

**Cum Laude with Distinction in
 Geology and Mineralogy**
 Marijke van Heeswijk

**Cum Laude with Distinction in
 Home Management and Housing**
 Linda Elizabeth Strow

**Cum Laude with Distinction in
 Natural Resources Development**
 William Robert Reiner, Jr.

**Cum Laude with Distinction in
 Parks and Recreation Administration**
 Victoria Lynne Pfeifer
 Jennifer Yeauger

**Cum Laude with Distinction in
 Physical Therapy**
 Sue Ann Carlson

Cum Laude with Distinction in Psychology
 Thomas F. Biddle
 Joyce Rausch Ries

**Cum Laude with Distinction in
 Wildlife Management**
 Daniel Wade McMillen

Cum Laude with Distinction in Zoology
 Peter James Pema

**Cum Laude with Distinction in
 Biochemistry and with Honors in the
 Liberal Arts**
 Joseph Edward Dohar

**Cum Laude with Distinction in Physics
 and with Honors in the Liberal Arts**
 Don Frederic DeJongh

**Cum Laude with Honors in the
 Liberal Arts**

Louis Michael Biafore
 William Timothy Elgin
 Victor Allen Ferdinand
 William Allen Henderson
 Venkata Ramakrishna Jayanthi
 Julie Ann Seigel
 Stephen Joseph Stephens, Jr.
 Mark David Tucker

Summa Cum Laude

Carol A. Abbott
 Kenneth L. Andow
 Dennis Evan Appelbaum
 Vickie Riley Babcock
 Bernadette Jean Bilick
 Bruce Eric Blaho
 Linda Ann Blair
 Kathleen Ellen Bock
 Marcelle Germann Bowen
 Anita K. Boyer
 Paul Douglas Brockman
 David Theodore Brown

William Paul Bryan
 Rickey James Burger
 Stephen Richard Cammaro
 Pamela Ann Capani
 Cara Lis Chenfeld
 Scott Bradley Citino
 James Hull Cordray
 Gregory Sean Cousino
 Pamela L. Craycraft
 Alan Paul Curtis
 Anne Alise Cuticchia
 Bruce Kevin Davis
 William Watson Davison
 Kevin M. Distelhorst
 Thomas Stephen Dunham
 Michael Robert Eby
 Vickie Lynn Echelberry
 Kevin Eugene Ellinger
 GERALYN Marie Engler
 Timothy Allan Esbenshade
 William John Flynn
 Daniel James Freytag
 Irene Annette George
 Nancy Ann Germann
 Cheryl Lynn Gordon
 Holly Jade Greene
 Carol LeCompte Griffith
 Virginia Sue Shearer Heins
 James Bernard Hermiller, Jr.
 Thomas William Hesterman
 Helen Marie Hoffman
 Jacqueline Faye Hohulin
 Laurie Ann Holman
 Karen Sue Holt
 Theresa Ann Houchin
 Annette E. Houk
 Jeffrey Colin Huber
 David Richard Hull
 Patrick Edward Hupp
 Julie Ann Hutt
 David Phillip Ingold
 Joyce Marie Johnson
 Tami Lynne Jones
 Terri L. Jones
 Patricia Ann Kaiser
 James Robert Kent
 William Lloyd Kerr
 Macrina Ann Kershner
 Ann Renee Koval
 Rebecca Lynn Kuhn
 Teri Kuhlman Leonard
 Elliot Louis Levine
 Gary Edward MacPhee
 Leila Sue Maloof
 M. Theresa Masters
 Patricia Marie McNichols
 Jeryl Anne Meeks
 Barbara Ann Meese
 Dwight Alan Meglan
 Cathy Ellen Mehl
 Dean Vincent Melcher
 Deanne Louise Miller
 Diane Lynn Moore
 Beth Lorraine Morrison
 Donna Lynn Nicol
 Lynne Marie Parkinson
 Nancy Ellen Pearson
 Lynne Marie Peltomaa
 Timothy James Penton
 Alice Rose Piwowarczyk
 Edward John Putt
 David Alton Ray
 Diane Kathryn Reik
 Peter Charles Rogan
 William David Rudolph
 Pamela Jean Schechter
 Sylvia Lynn Schonauer
 Lois Ann Schostek
 Brenda Lee Self

Pamela Faith Setnar
 Barbara Ann Shaw
 Barbara Ann Shook
 David Ira Shoup
 Brian Keith Siler
 Susan Pauline Specter
 Diane Marie Stiles
 Lori S. Stern
 Dennis Courtney Stoiber
 Attila Szabo
 Barbara A. Tewart-Darwin
 Ted Keller Trabue
 Marcia Maria Vandermause
 Marie Ann Wargelin
 Lisa Ann Warner
 Reinhard George Weiss
 Marilyn Grice Weston
 Jacqueline Lee Wills
 Rex Daniel Wilson
 Leonore Catherine Witchey

Summa Cum Laude with Distinction in Accounting

Judith Ray Vejlupek

Summa Cum Laude with Distinction in Agricultural Economics

Brian Howard Watkins

Summa Cum Laude with Distinction in Agronomy

Stephanie L. Schroeder

Summa Cum Laude with Distinction in Animal Science

Jeanne Osborne

Summa Cum Laude with Distinction in Dairy Science

Joan Siciliano Jones

Summa Cum Laude with Distinction in Fisheries Management

Kevin Adam Kayle

Summa Cum Laude with Distinction in Forest Biology

Anthony Joseph Vidmar

Summa Cum Laude with Distinction in Horticulture

Daniel Albert Herms

Summa Cum Laude with Distinction in Parks and Recreation Administration

Ronald Rae Fowler

Summa Cum Laude with Distinction in Physical Therapy

Deborah Ann Kimble

Summa Cum Laude with Distinction in Psychology

Ruth Ann Ksienski

Summa Cum Laude with Distinction in Welding Engineering

Lorne Alan Weeter

Summa Cum Laude with Distinction in Zoology

Alan James Murnane

Summa Cum Laude with Distinction in History and with Honors in the Liberal Arts

Stephen Charles Mixer

Summa Cum Laude with Distinction in International Studies and with Honors in the Liberal Arts

Margaret Louise Best

Summa Cum Laude with Distinction in Psychology and with Honors in the Liberal Arts

David Lawrence Fox

Summa Cum Laude with Honors in the Liberal Arts

Ann Kathryn Dapor
 Jeremy Avram Klapper
 Kevin B. Richardson
 Teri Lynn Steiner
 Douglas Alan Stuart

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND ONE HUNDRED AND NINETIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 9, 1983

The Board of Trustees met at its regular monthly meeting on Thursday, June 9, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

* * *

Minutes of the last meeting were approved.

* * *

June 9, 1983 meeting, Board of Trustees

INTRODUCTION OF NEW BOARD MEMBER

Dr. Jacob introduced the new member of the Board of Trustees:

I am delighted to introduce Mr. Hamilton J. Teaford of Columbus whose appointment for a term beginning May 14, 1983 and ending May 13, 1992 to succeed Warren J. Smith, whose term expired, was announced last month by Governor Richard Celeste.

Mr. Teaford graduated with honors from Wesleyan University, Middletown, Connecticut, and earned his J.D. from Harvard Law School. He completed his secondary education here in Columbus where he graduated from North High School.

In 1966 Mr. Teaford traveled to Nigeria as a Peace Corps volunteer and English teacher, and he later became a program officer for the Ford Foundation and legal advisor for the Small Industries Credit Scheme in Kaduna, Nigeria. He was a trial examiner for the Federal Home Loan Bank Board in Washington for four years, and is presently a partner in the Columbus law firm of Teaford, Rich & Dorsey.

He is a member of a number of civic, cultural and church groups, and served as treasurer of the Celeste in '82 Committee.

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The Chairman, Dr. Jacob, called the meeting of the Board of Trustees to order at 12:15 p.m. He requested the Secretary to call the roll. The meeting recessed into Executive Session for the purpose of considering legal issues and personnel-related matters.

Present: John D. Jacob, Chairman, D. James Hilliker, John F. Havens, Edmund C. Redman, Leonard J. Immke, John W. Berry, Shirley D. Bowser, and Hamilton J. Teaford.

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June 9, 1983 meeting, Board of Trustees

Dr. Jacob reconvened the meeting at 1:30 p.m.

COMMITTEE APPOINTMENTS 1983-84

Resolution No. 83-139

WHEREAS the appointments to Committees and representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1983-84 are as follows:

Educational Affairs Committee	Daniel M. Galbreath, Chairman Shirley D. Bowser, Vice Chairman Leonard J. Immke
Fiscal Affairs Committee	Edmund C. Redman, Chairman John W. Berry, Vice Chairman John F. Havens
Standing Committee on Agricultural Affairs	Shirley D. Bowser, Chairman Dale Locker, Vice Chairman, Ex Officio Daniel M. Galbreath
Student Affairs Committee	D. James Hilliker, Chairman John W. Berry, Vice Chairman Hamilton J. Teaford
Personnel Committee	John D. Jacob, Chairman D. James Hilliker John F. Havens
Development Fund Board of Directors	Shirley D. Bowser (1982-84) Leonard J. Immke (1983-85)
Inter-University Council	Hamilton J. Teaford
Research Foundation Board of Directors	John F. Havens (1983-86)
University Hospitals Board	Daniel M. Galbreath Edmund C. Redman

NOW THEREFORE

BE IT RESOLVED, That the Committee appointments and the representatives to the Research Foundation Board of Directors, the Development Fund Board of Directors, the Inter-University Council, and the University Hospitals Board for 1983-84 be approved.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 9, 1983 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34,
3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16**

Resolution No. 83-140

Synopsis: Amendments to rules 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31, and deletion of rule 3335-9-16 are being proposed.

WHEREAS the University Senate pursuant to rule 3335-1-09 of the Administrative Code is authorized to recommend through the President to the Board of Trustees the adoption of amendments to *Rules of the University Faculty* as approved by the University Senate; and

WHEREAS the amendments to rules 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 and the deletion of rule 3335-9-16 of *Rules of the University Faculty* were approved by the University Senate on May 14, 1983, as follows:

AMENDED RULES

3335-5-33 Membership.

There shall be a graduate council constituted as follows:

- (A) Chairperson. The dean of the graduate school shall chair the graduate council.
- (B) Elected faculty members. Forty members of the graduate faculty, four elected by the regular members of the graduate faculty from each of the ten graduate areas: administrative sciences, agricultural sciences, the arts, biological sciences, education, engineering sciences, humanities, physical sciences and mathematics, professional biological sciences, and social and behavioral sciences.
- (C) Alternate faculty members. Each faculty member of the graduate council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the graduate council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the graduate council of the member represented.

Service as an alternate does not make the alternate ineligible for election to membership in the council the following year.

- (D) Student members. Twelve graduate students, one from each of the ten graduate areas, and two at large, shall be elected by the council of graduate students. These members shall serve terms of one year and shall be eligible for at most three consecutive terms.

AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34, 3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16 (contd)

- (E) Alternate student members. Each student member of the graduate council is expected to attend its meetings regularly but an alternate representative shall be appointed for each member in order to assure full attendance at meetings when appointed student members are justifiably absent. When a student member is unable to attend a meeting of the graduate council, the member shall notify the secretary of the graduate school in advance of the meeting, giving the name of the alternate who will attend. The alternate shall then have the general powers and privileges in the graduate council of the member represented.

3335-5-34 Election of faculty members.

- (A) Faculty members shall be elected from each of the ten graduate areas defined in rule 3335-5-33 of the Administrative Code, for staggered terms of four years and shall be ineligible for reelection for one year thereafter.

3335-5-36 Committees.

- (A) There shall be five standing committees: executive, curriculum, policy and standards, research, and graduate associate. Each committee will be chaired by the dean of the graduate school, or designee.
- (B) The executive, curriculum, policy and standards, and research committees shall each consist of ten faculty members of the graduate council, one from each graduate area, and three graduate student members, all of whom are members of the graduate council. The graduate associate committee shall consist of eight graduate faculty members, two of whom are members of the graduate council, and three graduate student members.
- (C) Specific responsibilities, in addition to those assigned by the graduate council or the dean of the graduate school, are as follows:
 - (1) The curriculum committee considers and acts on courses carrying graduate credit and considers and recommends to the graduate council action on graduate degree programs.
 - (2) The executive committee considers and acts on graduate faculty nominations and student petitions.
 - (3) The policy and standards committee considers and recommends to the graduate council policies and rules related to graduate education.
 - (4) The research committee considers and recommends to the graduate council policies and rules related to research.
 - (5) The graduate associate committee considers and recommends to the graduate council policies and rules related to graduate associates.

June 9, 1983 meeting, Board of Trustees

**AMENDMENTS TO RULES OF THE UNIVERSITY FACULTY 3335-5-33, 3335-5-34,
3335-5-36, 3335-5-58, 3335-9-31 AND DELETION OF RULE 3335-9-16 (contd)**

3335-5-58 Committee on academic freedom and responsibility.

- (A) The committee on academic freedom and responsibility shall consist of six faculty members of the university senate and two graduate teaching, research, or administrative associates. The faculty membership shall nominate faculty members from whom the university senate will elect, at its special meeting in June, faculty members. The council of graduate students shall nominate four graduate associates from whom the university senate will elect, at its first meeting in autumn quarter, the graduate associate members for twelve-month terms. For the period of time beginning in June and ending with the start of autumn quarter, there will be eight faculty members and two graduate associate members from which a quorum of five will be established. Vacancies on the committee shall be filled through election by the university senate with nominations from the floor.

3335-9-31 Requirements for a graduate degree.

To obtain a graduate degree from this university, a graduate student must have met the minimum requirements established by the graduate council and approved by the board of trustees, and have filed an application for the degree in accordance with rules prescribed by the graduate council.

NOW THEREFORE

BE IT RESOLVED, That the amendments to the *Rules of the University Faculty* and the deletion of rule 3335-9-16 be adopted as recommended by the University Senate.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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ESTABLISHMENT OF COLLEGE OF HOME ECONOMICS

Resolution No. 83-141

Synopsis: Recommendation to change School of Home Economics to College of Home Economics is being proposed.

WHEREAS the School of Home Economics' faculty, staff, students and alumni support and approve the proposal to grant Home Economics college status; and

June 9, 1983 meeting, Board of Trustees

ESTABLISHMENT OF COLLEGE OF HOME ECONOMICS (contd)

WHEREAS college status would allow Home Economics' faculty to set their own directions, goals and future; and

WHEREAS college status would allow Home Economics to be much more effective in their research and public service missions; and

WHEREAS Home Economics has a well established subject matter, significantly different from other colleges to warrant college status; and

WHEREAS the School of Home Economics has approximately fifty faculty members distributed through all faculty ranks, with well established and recognized faculty at the graduate level, with sufficient numbers of graduate faculty at the Category II and III levels:

NOW THEREFORE

BE IT RESOLVED, That the Board of Trustees approve the action of the University Senate to change the School of Home Economics to College of Home Economics which was recommended at the May 14, 1983 meeting; and

BE IT FURTHER RESOLVED, That this change shall be effective July 1, 1983.

Upon motion of Mr. Teaford, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE**

Resolution No. 83-142

Synopsis: Request to waive paragraph (G) of bylaw 3335-1-08 of the Administrative Code for the renaming of West Hall.

WHEREAS the Board of Trustees of The Ohio State University did, on January 9, 1976, amend paragraph (G) of bylaw 3335-1-08 of the Administrative Code to state that "buildings and structures shall not be named for any person who is an officer or employee of the University or the State of Ohio, but may be named for a person who has been retired or has otherwise left such a position for a minimum of three years"; and

WHEREAS the President wishes to recommend that the West Hall be renamed to honor John T. Mount who is to retire as Vice President for Regional Campuses and Dean of University College:

June 9, 1983 meeting, Board of Trustees

**WAIVER OF PARAGRAPH (G) OF BYLAW 3335-1-08
OF THE ADMINISTRATIVE CODE (contd)**

NOW THEREFORE

BE IT RESOLVED, That paragraph (G) of bylaw 3335-1-08 of the Administrative Code be waived so that West Hall can be renamed for a living person.

Upon motion of Mrs. Bowser, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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NAMING OF BUILDING

Resolution No. 83-143

Synopsis: Renaming of West Hall is being proposed.

WHEREAS pursuant to the authority of this Board in naming of all buildings at The Ohio State University as set forth in paragraph (G) of bylaw 3335-1-08 of the Administrative Code; and

WHEREAS, the President recommended, with the concurrence of the President's Staff, that West Hall, located at 1050 Carmack Road, be named John T. Mount Hall, to honor Mr. Mount's service in a leadership role at the University for 42 years:

NOW THEREFORE

BE IT RESOLVED, That the above specified building be renamed John T. Mount Hall.

Upon motion of Mrs. Bowser, seconded by Mr. Teafor, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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HONORARY DEGREES

Resolution No. 83-144

Synopsis: Approval is requested for awarding honorary degrees to two individuals.

WHEREAS the Committee on Honorary Degrees and the University Senate, pursuant to rule 3335-5-57 of the Administrative Code, have approved for recommendation to the Board of Trustees awarding of honorary degrees as listed below:

Vincent T. DeVita	Doctor of Science
Lloyd M. Parks	Doctor of Science

June 9, 1983 meeting, Board of Trustees

HONORARY DEGREES (contd)

NOW THEREFORE

BE IT RESOLVED, That the above honorary degrees be awarded in accordance with the recommendation at a time convenient to the University and the recipients.

Upon motion of Mr. Berry, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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PERSONNEL ACTIONS

Resolution No. 83-145

Synopsis: In addition to the regular personnel actions taken since the last meeting, the following Retirement, Changes in Title, Appointments, Reappointment of Ombudsman, Appointment of Department Chairpersons and Director of School and Center, Reappointment of Chairpersons of Departments and Division, Medical Staff-Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles are recommended for approval.

RESOLVED, That the personnel actions as recorded in the Personnel Budget Records of the University since the May 5, 1983 meeting of the Board, including the following Retirement, Changes in Title, Appointments, Reappointment of Ombudsman, Appointment of Department Chairpersons and Director of School and Center, Reappointment of Chairpersons of Departments and Division, Medical Staff-Appointments, Leaves of Absence Without Salary, Professional Improvement Leaves, and Emeritus Titles as detailed in the University Budget, be approved.

Retirement

JOHN T. MOUNT will retire as Vice President for Regional Campuses and Dean of University College, effective June 30, 1983.

Changes in Title

Name:	DAVID H. BOYNE
Title:	Associate Provost
Office:	Academic Affairs
Effective:	June 1, 1983
Salary:	\$65,280.00
Present Position:	Professor and Chairperson, Department of Agricultural Economics and Rural Sociology, and Professor, Cooperative Extension Service

PERSONNEL ACTIONS (contd)

Changes in Title (contd)

Name: FRANCILLE M. FIREBAUGH
Title: Associate Provost
Office: Academic Affairs
Effective: June 1, 1983
Salary: \$66,720.00
Present Positions: Acting Vice President for Agricultural Administration and Executive Dean for Agriculture, Home Economics, and Natural Resources, and Professor, Department of Home Management and Housing

Name: RUSSELL J. SPILLMAN
Title: Associate Provost
Office: Academic Affairs
Effective: May 1, 1983
Salary: \$64,080.00
Present Positions: Associate Dean, College of Education and Associate Professor in the Academic Faculty of Educational Administration

Name: THOMAS A. WILLKE
Title: Acting Dean of University College and Vice Provost for the Colleges of the Arts and Sciences
Office: Academic Affairs
Effective: July 1, 1983
Salary: \$58,080.00
Present Positions: Vice Provost for the Colleges of the Arts and Sciences and Professor, Department of Statistics

Name: TED R. ROBINSON
Title: Associate Vice President for Academic Affairs (Regional Campuses)
Office: Academic Affairs
Effective: July 1, 1983
Salary: \$54,480.00
Present Positions: Assistant Vice President, Regional Campuses, and Associate Professor, Department of Agricultural Education

Name: GEORGE R. GIST
Title: Director
Office: Cooperative Extension Service
Effective: July 1, 1983
Salary: N/A
Present Position: Acting Director, Cooperative Extension Service

June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointments

Name: JACK A. BOULANT
Title: Associate Professor (Fred A. Hitchcock Professorship in Environmental Physiology)
Department: Physiology
Effective: July 1, 1983
Salary: \$44,040.00
Present Position: Associate Professor, Department of Physiology

Name: CARL V. LEIER
Title: Associate Professor (James W. Overstreet Chair in Cardiology)
Department: Medicine
Effective: July 1, 1983
Salary: \$70,200.00
Present Positions: Associate Professor, Department of Medicine and Department of Pharmacology

Reappointment of Ombudsman

Name: DONALD W. GOOD
Title: Ombudsman
Office: Office of the President
Effective: July 1, 1983 through June 30, 1986
Salary: N/A
Present Positions: Ombudsman and Associate Professor, Department of English

Appointment of Department Chairpersons and Director of School and Center

July 1, 1983 through June 30, 1987

Dance	Vickie Blaine
Educational Policy and Leadership	Lonnie H. Wagstaff
Educational Theory and Practice	C. Ray Williams
Human Services Education	Thomas M. Stephens

July 1, 1983 through June 30, 1984

Entomology	*David J. Horn
School of Allied Medical Professions	**Mary Rosita Schiller

* Acting Chairperson

** Acting Director

June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Appointment of Department Chairpersons and Director of School and Center (contd)

June 1, 1983 through June 30, 1984

Agricultural Economics and Rural Sociology	* Bernard Erven
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October 1, 1983 through June 30, 1984

Center for Medieval and Renaissance Studies	** James M. Kittelson
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October 1, 1984 through June 30, 1988

Center for Medieval and Renaissance Studies	Christian K. Zacher
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Reappointment of Chairpersons of Departments and Division

July 1, 1983 through June 30, 1984

Medicine	Calvin M. Kunin
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July 1, 1983 through June 30, 1986

Medicinal Chemistry and Pharmacognosy	Duane D. Miller
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October 1, 1984 through June 30, 1988

East Asian Languages and Literatures	Timothy Light
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* Acting Chairperson

** Acting Director

Medical Staff--Appointments

George M. Bescak, D.O.	Courtesy Staff in Renal Diseases (Medicine)	Clinical Instructor
Edward M. Blaine, M.D.	Limited Staff in Anesthesiology	Clinical Instructor H.S.
Jerome J. Cunningham	Attending Staff in Diagnostic Radiology	Professor
John R. Davis, M.D.	Limited Staff in Radiology (Nuclear Medicine)	Clinical Instructor H.S.
William W. Hunter, Jr., M.D.	Attending Staff in Diagnostic Radiology	Associate Professor
Brigitte Kuperwasser, M.D.	Attending Staff in Anesthesiology	Assistant Professor
Ruben G. Martinez, M.D.	Limited Staff in Anesthesiology (Fellow)	Clinical Instructor H.S.

June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Leaves of Absence Without Salary

CHARLES BREWER, Professor, Department of Architecture, effective October 1, 1983 through June 30, 1984, to pursue a research project.

H. YUAN TIEN, Professor, Department of Sociology, effective October 1, 1983 through March 31, 1984, to accept a Fellowship from the Woodrow Wilson International Center, Washington, D. C.

DAVID MICHAEL LAMPTON, Associate Professor, Department of Political Science, effective October 1, 1983 through June 30, 1984, to serve as Senior Advisor and Director of Special Projects for Committee on Scholarly Communication with the People's Republic of China at the National Academy of Sciences.

MOIRA LOGAN, Associate Professor, Department of Dance, effective Autumn Quarter 1983, for personal reasons.

STEPHEN J. RALLIS, Associate Professor, Department of Mathematics, effective Winter Quarter 1984, to accept an invitation from the Institute for Advanced Study.

PAUL D. SEYMOUR, Associate Professor, Department of Mathematics, effective October 1, 1983 through December 31, 1983, to enable him to collaborate with an excellent combinatorics group at M.I.T.

NEIL F. FALKNER, Assistant Professor, Department of Mathematics, effective October 1, 1983 through June 30, 1984, to accept a position as Visiting Assistant Professor at The University of British Columbia, Vancouver, B. C., Canada.

ROMAN T. SKARDA, Assistant Professor, Department of Veterinary Clinical Sciences, effective January 1, 1984 through December 31, 1984, to complete his Venia Legendi (Ph.D. degree) at the University of Zurich, Zurich, Switzerland.

ROBERT KENT WEAVER, Assistant Professor, Department of Political Science, effective October 1, 1983 through June 30, 1984, to join the staff of the Brookings Institution in Washington, D. C.

Professional Improvement Leaves

ALAN J. RUBIN, Professor, Department of Civil Engineering, effective Winter Quarter 1984 and Spring Quarter 1984.

PAUL G. SHEWMON, Professor, Department of Metallurgical Engineering, effective Winter Quarter 1984, Spring Quarter 1984, and Summer Quarter 1984.

ANDREW WOJCICKI, Professor, Department of Chemistry, effective Winter Quarter 1984 and Spring Quarter 1984.

June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Professional Improvement Leaves (contd)

GEORGE P. ECKER, Associate Professor, Department of Educational Policy and Leadership, effective Autumn Quarter 1983, Winter Quarter 1984, Spring Quarter 1984, and Summer Quarter 1984.

SHIRLEY A. OLSEN, Associate Professor, Department of Industrial Design, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

DOUGLAS S. KERR, Associate Professor, Department of Computer and Information Science, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

MARGRET PIERSON, Associate Professor, Department of Dance, effective Winter Quarter 1984 and Spring Quarter 1984.

DANIEL B. SHAPIRO, Associate Professor, Department of Mathematics, effective Autumn Quarter 1983, Winter Quarter 1984, and Spring Quarter 1984.

PHEORIS WEST, Assistant Professor, Department of Art, effective Winter Quarter 1984 and Spring Quarter 1984.

Emeritus Titles

JOHN T. MOUNT, University College, with the title Vice President and Dean Emeritus, effective July 1, 1983.

ROBERT J. ATWELL, School of Allied Medical Professions, with the title Professor Emeritus, effective July 1, 1983.

H. RICHARD BLACKWELL, College of Optometry, with the title Professor Emeritus, effective September 1, 1983.

IRMA M. COOPER, School of Music, with the title Professor Emeritus, effective July 1, 1983.

JOHN FREEMAN, Department of Art, with the title Professor Emeritus, effective July 1, 1983.

EUGENE FRILEY, Department of Art, with the title Professor Emeritus, effective July 1, 1983.

FRANKLIN LUDDEN, Department of History of Art, with the title Professor Emeritus, effective July 1, 1983.

NORMAN O. ROTHERMICH, Department of Medicine, with the title Clinical Professor Emeritus, effective July 1, 1983.

June 9, 1983 meeting, Board of Trustees

PERSONNEL ACTIONS (contd)

Emeritus Titles (contd)

SHEILA M. GOFF, Department of Communication, with the title Associate Professor Emeritus, effective July 1, 1983.

MARY M. MILLICAN, Department of Textiles and Clothing, with the title Associate Professor Emeritus, effective July 1, 1983.

ADAH RUTH SUTTON, School of Allied Medical Professions, with the title Associate Professor Emeritus, effective July 1, 1983.

JOHN H. SEILHAMER, Office of the University Architect, with the title University Architect Emeritus, effective July 1, 1983.

Upon motion of Mr. Redman, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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RESOLUTIONS IN MEMORIAM

Resolution No. 83-146

Synopsis: Resolutions honoring the service of four of the University's faculty members who have recently died are being proposed.

RESOLVED, That the Board adopt the following Resolutions in Memoriam and that the President be requested to convey a copy to the families of the deceased.

Upon motion of Mr. Immke, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

Margaret L. Helfrich

The Board of Trustees of The Ohio State University expresses sorrow upon the death on April 25, 1983, of Margaret L. Helfrich, Professor in the Department of Sociology.

Margaret Helfrich was born in Pittsburgh, Pennsylvania, December 31, 1929. She completed her high school education at Swissvale High School in Pittsburgh in 1947. She received a B.A. degree with a major in sociology from Duquesne University in 1951; her M.A. and Ph.D. from the University of Pittsburgh in sociology in 1954 and 1960, respectively. She joined The Ohio State University Department of Sociology in March 1959, as an Instructor. She was promoted to Assistant Professor in 1960, Associate Professor in 1966, and Professor in 1972.

June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Margaret L. Helfrich (contd)

Dr. Helfrich won the Chi Omega Award for "outstanding woman student in sociology" while attending the University of Pittsburgh. She was the first woman to achieve Professor rank in the Department of Sociology at Ohio State.

Dr. Helfrich's major substantive areas were industrial and economic sociology, the professions, sociology of business and the sociology of art and music. She authored two monographs, *The Social Role of the Executive's Wife* and *The Professionalization of Dental Students*. She also published about 20 articles in professional journals.

Dr. Helfrich was a founding member and the chair (1964-1966) of the Committee on Industrial and Organizational Sociology in the American Sociological Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Charles L. Howell

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 30, 1983, of Dr. Charles L. Howell, Professor and Director of Continuing Education in the College of Dentistry.

Dr. Howell received his D.D.S. degree from Indiana University in 1946. He served an internship in the United States Public Health Service from 1946-47. He was recalled to active duty in the United States Public Health Service and was discharged with the rank of Lt. Colonel in 1955. He received a M.P.H. degree from Johns Hopkins University in 1948.

He was Assistant Director, Dental Division, Indiana State Board of Health, 1953-61; Assistant Dean, Indiana University School of Dentistry, 1961-64; Dean and Professor of Public Health and Preventive Dentistry, Temple University School of Dentistry, July 1, 1964 to June 1975; Acting Vice President, Temple University Health Sciences Center, August 1970 to April 1971; Dean and Professor, The Ohio State University College of Dentistry, July 1, 1975 to June 30, 1980; Director, Continuing Dental Education, College of Dentistry, The Ohio State University July 1, 1980 to present.

He held offices in various dental organizations such as Secretary-Treasurer, American Association of Public Health Dentists; President, American Association of Public Health Dentists; Secretary, Indiana State Dental Association; and President, American Association of Dental Schools.

Dr. Howell was a member of the Academy of Stomatology, American Association of Dental Schools, American Association of Public Health Dentists, American Dental Association,

June 9, 1983 meeting, Board of Trustees

RESOLUTION IN MEMORIAM (contd)

Charles L. Howell (contd)

American Public Health Association, American Society of Dentistry for Children, International Association for Dental Research, Ohio Dental Association, Columbus Dental Society; Fellow, Academy of General Dentistry; Fellow, American College of Dentists. He was a member of Omicron Kappa Upsilon, National Honorary Dental Fraternity.

Dr. Howell conducted the first clinical studies on the effectiveness of topically applied stannous fluoride. He served as Chairman, Council on Dental Research, American Dental Association, and was a member of the Council on Dental Education, American Dental Association.

He received the Distinguished Alumnus Award for 1970 from Indiana University School of Dentistry and the Outstanding Service Award in 1973 from Temple University Dental School Alumni Society.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

Wynne M. Silbernagel

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 5, 1983 of Wynne M. Silbernagel, Assistant Professor Emeritus in the College of Medicine - Department of Obstetrics & Gynecology.

Wynne Metcalf Silbernagel was born on May 7, 1905, in Columbus, Ohio. He was a graduate of Denison University, Granville, Ohio, from which he received the B.S. degree in biology in 1926 and Jefferson Medical College in Philadelphia from which institution he received the M.D. degree in 1930. He served an internship at St. Luke's Hospital, Cleveland, Ohio, and thereafter did clinical training in Vienna, Austria, and at White Cross Hospital, Columbus, Ohio.

Doctor Silbernagel had a long career with a practice in obstetrics and infertility in particular. He was a Diplomat of the American Board of Obstetrics & Gynecology and a Fellow of the International College of Surgeons. Locally he served as the second President of the Columbus Obstetric & Gynecologic Society of which he was a founding member.

Doctor Silbernagel first joined the faculty of the Department of Obstetrics & Gynecology of The Ohio State University as a clinical instructor in 1954 and was promoted to clinical assistant professor in 1955. During his active career he was for six years the Chairman of the Department of Obstetrics & Gynecology at White Cross Hospital and remained a member of the senior attending staff at Riverside Methodist Hospital, its successor.

June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Wynne M. Silbernagel (contd)

Doctor Silbernagel's interest in his field led to the publication of a dozen scientific articles and a contribution of significant time in the training of resident physicians and teaching medical students as one of the part-time faculty of this University. Upon retirement in 1975, Doctor Silbernagel was named Assistant Professor Emeritus.

Although he had been inactive due to illness in recent years, he was and will be long remembered and much loved by those whose lives he has touched.

On behalf of the University community, the Board of Trustees expresses to the family of Doctor Silbernagel its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as sincere appreciation of the Board's realization of the loss that the family, the University and his many friends and associates have sustained.

Raymond F. Sletto

The Board of Trustees of The Ohio State University expresses its sorrow upon the death on May 9, 1983 of Raymond F. Sletto, Professor Emeritus in the Department of Sociology.

Raymond Sletto was born in Gibbon, Minnesota, July 20, 1906. He received a B.S. degree from the University of Minnesota in 1926, A.M. in 1932 and Ph.D. in 1936. Post doctoral study was undertaken at Columbia (1939) and the University of Chicago (1940).

Professor Sletto's earlier academic career was accomplished at the University of Minnesota, as Instructor, 1930-36, Assistant Professor, 1937-39, Associate Professor, 1940-47. He joined The Ohio State University as a Professor of Sociology in 1947 and served as Chairman in the, then, Department of Sociology and Anthropology from 1950-1967, the longest chairmanship in the Department's history.

Professor Sletto's major interests in his chosen field were statistical methods, research design, social measurement, prediction systems, social psychology and mental health. His research career included Directorships in the Bureau of Social Research Minneapolis Council of Social Agencies (1937-38) and the Sociological Research Lab, Department of Sociology at the University of Minnesota (1945-47). He served as consultant on research to the Office of War Information, U. S. Housing Administration and American Public Health Association (1943-45) and other federal agencies.

Dr. Sletto made many important contributions to the social science literature. Among his publications were *Personality and the Depression* (with E. A. Rundquist) (1936) and *Construction of Personality Scales by the Criterion of Internal Consistency* (1937), and numerous professional articles. Dr. Sletto was active in professional and scientific societies: the American Sociological Association (chairing various committees through the years); the Ohio Valley Sociological Society; Sociological Research Association (President 1955-56); Alpha Kappa Delta; and American Statistical Association.

June 9, 1983 meeting, Board of Trustees

RESOLUTIONS IN MEMORIAM (contd)

Raymond F. Sletto (contd)

Professor Sletto was well known for a strong sense of duty and tenacity in its performance. He had much positive influence on the careers of many sociologists who were his advisees, students, and professionals who served in the Department during his tenure as Chairman.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's heartfelt sympathy.

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REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS

Resolution No. 83-147

Synopsis: The reports on contracts, grants, and gifts and the summary for April 1983 are presented for Board acceptance.

WHEREAS monies are solicited and received on behalf of the University and the Ohio Agricultural Research and Development Center from governmental, industrial, other agencies, alumni, and various individuals in support of research, instructional activities, and service; and

WHEREAS such gifts and grants are received through The Ohio State University Research Foundation, the Engineering Experiment Station of The Ohio State University, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund:

NOW THEREFORE

BE IT RESOLVED, That the research agreement between The Ohio State University and The Ohio State University Research Foundation for the contracts and grants reported herein, and the acceptance of the reports from the Engineering Experiment Station, the Ohio Agricultural Research and Development Center, and The Ohio State University Development Fund during the month of April 1983, be approved.

Upon motion of Mr. Berry, seconded by Mr. Immke, the foregoing resolution was adopted by the Board of Trustees by unanimous voice vote.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1983

Source	No. of Projects	Support Level
The Ohio State University Research Foundation	68	\$4,814,417.34
Engineering Experiment Station	59	\$ 265,722.00
Ohio Agricultural Research and Development Center	7	\$ 75,500.00
		\$5,155,639.34

The Ohio State University Development Fund

Establishment of Named Funds

The Durr Memorial Research Fund for Poultry Science (Department of Poultry Science)	\$ 152,000.00
The Carl M. Bohner Memorial Fund (College of Engineering - scholarships)	\$ 111,000.00
The Helen P. Alkire Scholarship Fund (Department of Dance)	\$ 15,000.00
The Ruth and LeRoy Bradford Fund (Scholarships - football or basketball squads)	\$ 11,000.00
Mary S. Wright Scholarship Fund (Scholarships)	\$ 10,000.00
Biological Sciences Student Activities Fund (Activities - College of Biological Sciences)	\$ 8,000.00
The Phi Kappa Phi OSU Chapter Scholarship Fund (Undergraduate scholarships)	\$ 7,500.00

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

SUMMARY FOR APRIL 1983 (contd)

The Ohio State University Development Fund (contd)

Establishment of Named Funds (contd)

The Ralph H. Grimshaw Award (Department of Animal Science)	\$ 6,991.00
The R. C. Miller Agricultural Engineering Student Award Fund (Award - Department of Agricultural Engineering)	\$ 5,534.00
Ohio Biological Survey Endowment Fund (Publishing, research, and service programs)	\$ 5,000.00
The Rosemarie Sena Endowed Scholarship Fund (Undergraduate scholarships - College of Humanities)	\$ 5,000.00

Report from Presidents Club

Members to date	4,591
1983 members: year to date	43
New members - April 1983	11

New Presidents Club Members - April 1983

Nancy L. Alt	Michael A. Greenberg
Glenn D. Eckfeld	James A. Neidhart
Wesley J. Johnston	Gerald S. Office, Jr.
William J. Fanning	Charles E. Perotti
Stuart A. Gold	Russell E. Ramser, Jr.
Geri Greenberg (Mrs. Michael)	

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION

Report - April 1983

Federal Research Contracts/Grants

\$865,750.00 - Department of Education, Office of Educational Research and Improvements, National Institute of Education, Washington, D. C., Research Program on Employability, The National Center for Research in Vocational Education (R. E. Taylor), 1 February 1983 through 30 November 1983. (Project 763385 - Continuation)

\$346,986.00 - National Foundation for the Arts and Humanities, National Endowment for the Humanities, Washington, D. C., Individualized Materials for Seven Less Commonly Taught Slavic and East European Languages, Department of Slavic and East European Languages and Literatures (L. I. Twarog), 1 March 1983 through 31 October 1984. (Project 763478 - New)

\$269,047.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Stochastic Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Department of Chemistry (A. G. Marshall), 1 April 1983 through 31 March 1984. (Project 763504 - New)

\$197,188.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - Slavic and East European Studies, Department of Slavic and East European Languages and Literatures (L. I. Twarog) and Graduate School Administration (J. B. LaPidus), 15 August 1983 through 14 August 1984. (Project 763534 - Continuation)

\$134,967.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowship Program - East Asia, Graduate School Administration (J. B. LaPidus), University Center for International Studies (J. S. Adams) and Department of Anthropology (C. Chen), 15 August 1983 through 14 August 1984. (Project 763533 - Continuation)

\$123,774.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institute, Bethesda, Maryland, The Immune Complex Mediated Glomerulopathies, Department of Medicine (L. A. Herbert), 1 April 1983 through 31 March 1984. (Project 761786 - Continuation)

\$99,462.00 - Department of Education, Office of Postsecondary Education, Office of Higher and Continuing Education, Washington, D. C., National Resource Center and Fellowships Program - Middle East Studies, Graduate School Administration (J. B. LaPidus), University Center for International Studies (J. S. Adams) and Department of History (S. F. Dale), 15 August 1983 through 14 August 1984. (Project 763536 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$94,440.00 - National Science Foundation, Washington, D. C., Totally Synthetic Heme Protein Models, Department of Chemistry (D. H. Busch), 1 August 1983 through 31 July 1984. (Project 762803 - Continuation)

\$92,606.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Unsaturated Fatty Acids, Prostaglandins and Diabetes, Department of Physiological Chemistry (H. W. Sprecher), 1 April 1983 through 31 March 1984. (Project 760745 - Continuation)

\$92,171.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Molecular Biology of Organellar Translocation, Department of Microbiology (B. R. Oakley), 1 April 1983 through 31 March 1984. (Project 763502 - New)

\$91,624.00 - Department of Education, Office of Special Education and Rehabilitation Services, Office of Special Education, Washington, D. C., Project Transition, Academic Faculty of Exceptional Children and School of Health, Physical Education, and Recreation (P. Jansma) and School of Health, Physical Education, and Recreation (W. F. Ersing), 1 July 1983 through 31 August 1984. (Project 763505 - New)

\$91,489.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells, Department of Physiological Chemistry (T. E. Webb and D. E. Schumm), 1 April 1983 through 31 March 1984. (Project 760063 - Continuation)

\$88,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Fundamental Studies of High-Temperature Corrosion Reactions, Department of Metallurgical Engineering (R. A. Rapp), 1 May 1983 through 30 April 1984. (Project 761619 - Continuation)

\$86,411.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Heart, Lung and Blood Institutes, Bethesda, Maryland, Open Loop Forcing of Chest Volume and CO₂ Concentration, Department of Physiology (A. L. Kunz), 1 April 1983 through 31 March 1984. (Project 761572 - Continuation)

\$85,932.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Bio-transformation of m-AMSA and Related Analogues, College of Pharmacy (L. Malspeis), 1 April 1983 through 31 March 1984. (Project 762091 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$84,100.00 - National Science Foundation, Washington, D. C., Ductile Fracture and Hydrogen Embrittlement, Department of Metallurgical Engineering (J. P. Hirth), 1 April 1983 through 31 March 1984. (Project 761528 - Continuation)

\$83,237.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Diazo, Triazeno, and Novel Heterocyclic Compounds, Department of Chemistry (H. Shechter), 1 April 1983 through 31 March 1984. (Project 762793 - Continuation)

\$70,411.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis Studies in Anthracycline Chemistry, Department of Chemistry (J. S. Swenson), 1 April 1983 through 31 March 1984. (Project 761021 - Continuation)

\$70,324.00 - Department of Agriculture, Washington, D. C., Institution Support from the Animal Health and Disease Research Act of 1977, College of Veterinary Medicine - Administration (R. A. Wright), Department of Veterinary Clinical Sciences (G. F. Hoffsis), and Department of Veterinary Pathobiology (C. C. Capen), 1 March 1983 through 30 September 1983. (Project 762621 - Continuation)

\$69,471.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Epstein-Barr Virus DNA in Transfected Cells, Department of Medical Microbiology and Immunology (R. Glaser), 1 April 1983 through 31 March 1984. (Project 762623 - Continuation)

\$66,107.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Hydrogen Attack of Steel, Department of Metallurgical Engineering (P. G. Shewmon), 1 June 1983 through 31 May 1984. (Project 763079 - Continuation)

\$64,035.00 - National Science Foundation, Washington, D. C., Competition, Predation, and the Relative Abundance of Sunfishes, Department of Zoology (R. A. Stein and G. G. Mittelbach), 1 May 1983 through 30 April 1985. (Project 762677 - Continuation)

\$59,948.00 - National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, A Study of Internal and Distributed Damping for Vibrating Turbomachinery Blades, Department of Engineering Mechanics (A. W. Leissa), 15 April 1983 through 14 April 1984. (Project 763518 - New)

\$48,420.00 - National Science Foundation, Washington, D. C., Study of a Gas-Liquid-Solid Fluidized Bed Containing a Binary Mixture of Particles, Department of Chemical Engineering (L. S. Fan), 1 May 1983 through 30 April 1984. (Project 763527 - New)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants

\$47,000.00 - Department of Housing and Urban Development, Washington, D. C., Indefinite Quantity Contract for Housing Finance Research, Academic Faculty of Finance (R. L. Racster), 31 March 1983 through 31 March 1984. (Project 763508 - New)

\$46,000.00 - National Science Foundation, Washington, D. C., Diffractive Spectro-electrochemistry, Department of Chemistry (R. L. McCreery), 1 April 1983 through 31 March 1984. (Project 763063 - Continuation)

\$45,618.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Improvement of Knowledge Regarding Earth's Gravity Field from Terrestrial and Satellite Data, Department of Geodetic Science and Surveying (R. H. Rapp), 1 June 1983 through 31 May 1984. (Project 760056 - Continuation)

\$42,385.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, Bethesda, Maryland, Cellular PD and Ion Activities in Renal Proximal Tubules, Department of Physiology (B. A. Biagi), 1 April 1983 through 31 March 1984. (Project 763050 - Continuation)

\$37,000.00 - National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Intercomparison of Different Space Geodetic Measurement and Computational Data, Department of Geodetic Science and Surveying (I. I. Mueller), 1 July 1983 through 30 June 1984. (Project 761054 - Continuation)

\$36,000.00 - Department of Energy, Chicago Operations Office, Argonne, Illinois, Kinetics of Fast Reactions of Excited Species, Department of Chemistry (R. F. Firestone), 1 December 1982 through 30 November 1983. (Project 760022 - Continuation)

\$25,000.00 - Department of the Navy, Naval Weapons Center, China Lake, California, Mathematical Models to Predict the Near Field and Far Field RF Characteristics of Realistic Jet Intakes, Department of Electrical Engineering, Electro-Science Laboratory, (P. Pathak), 1 February 1983 through 31 January 1984. (Project 763530 - New)

\$23,523.00 - Department of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Hyattsville, Maryland, Pre-Clinical to Clinical Medicine: A Transitional Curricular Component, Department of Family Medicine (L. L. Gabel), 1 July 1983 through 30 June 1984. (Project 762756 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$21,800.00 - National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Evaluation of Airfoil Profiles, Department of Aeronautical and Astronautical Engineering (J. D. Lee), 1 April 1983 through 31 July 1983. (Project 763511 - New)

\$19,380.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Advances in Otitis Media: Symposium/Research Conference, Department of Otolaryngology (D. J. Lim and W. H. Saunders), 1 April 1983 through 31 March 1984. (Project 763514 - New)

\$13,800.00 - National Science Foundation, Washington, D. C., The Arithmetic of Function Fields, Department of Mathematics (D. Goss), 1 April 1983 through 31 March 1984. (Project 763515 - New)

\$12,000.00 - Department of the Navy, Office of Naval Research, Arlington, Virginia, The Pathogenesis of Oral and Dental Diseases, College of Dentistry - Oral Biology (S. Rosen), 1 April 1983 through 31 March 1984. (Project 763512 - New)

\$10,000.00 - Department of Commerce, National Oceanic and Atmospheric Administration, Rockville, Maryland, Carbon Dioxide and Nitrogen Spectra at Different Temperatures and Mixing Ratios, Department of Physics (K. N. Rao), 1 March 1983 through 30 November 1983. (Project 763531 - New)

\$9,609.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Research Support Grant, College of Veterinary Medicine - Administration (R. A. Wright), 1 April 1983 through 31 March 1984. (Project 762776 - Continuation)

\$8,954.00 - Department of the Army, Army Corps of Engineers, Fort Sheridan, Illinois, Armed Services Vocational Aptitude Battery Advisory Panel to Review the Quality of Armed Services Vocational Aptitude Battery and Its Promotional Materials, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 30 September 1983. (Project 763319 - Continuation)

\$8,520.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Steric Course of Nucleic Acid Methylation by Carcinogens, Department of Chemistry (H. G. Floss and T. M. Zydowsky), 24 May 1983 through 22 November 1983. (Project 763317 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Federal Research Contracts/Grants (contd)

\$7,182.00 - Department of Agriculture, Forest Service, Broomall, Pennsylvania, Resident Program in Natural Resources Education for Minority Youth, School of Natural Resources (M. L. Bowman-Cowen and C. L. Shepard), 15 April 1983 through 15 October 1983. (Project 763525 - New)

\$2,500.00 - Department of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, Maryland, Advances in Otitis Media: Symposium/Research Conference, Department of Otolaryngology (D. J. Lim and W. H. Saunders), 1 April 1983 through 31 March 1984. (Project 763514 - Continuation)

TOTAL - FEDERAL AWARDS

\$3,792,171.00

State of Ohio Research Contracts/Grants

\$41,421.00 - State of Ohio, Department of Education, Division of Special Education, Worthington, Ohio, Martin Essex School for the Gifted, Academic Faculty of Exceptional Children (T. M. Stephens), 1 April 1983 through 31 March 1984. (Project 763519 - Continuation)

\$8,345.00 - The Ohio Humanities Council, Columbus, Ohio, Religion in the Modern World (Conference), Division of Comparative Studies in the Humanities (M. R. Waldman), 4 December 1982 through 30 June 1983. (Project 763490 - New)

\$3,252.00 - The Ohio Humanities Council, Columbus, Ohio, Conference on "Jewish Immigration to America," College of Humanities - Administration (A. Shapiro), 5 March 1983 through 31 May 1983. (Project 763521 - New)

\$1,977.00 - State of Ohio, Department of Mental Health, Office of Program Evaluation and Research, Columbus, Ohio, Social Relations, Perceived Social Competence and Conceptions of Friendship in Learning Disabled Children, Department of Psychology (F. C. Serafica and S. G. Hoyle), 1 March 1983 through 30 June 1983. (Project 763482 - New)

TOTAL - STATE OF OHIO AWARDS

\$ 54,995.00

Industrial Research Contracts/Grants

\$333,489.00 - Price Waterhouse and Company, Washington, D. C., ARAMCO Training Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 31 August 1983. (Project 763094 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$81,111.00 - Pennwalt Corporation, Philadelphia, Pennsylvania, Insect Cell Culture, Department of Entomology (W. F. Hink), 1 May 1983 through 30 April 1984. (Project 762159 - Continuation)

\$79,642.00 - Research Planning Institute, Inc., Columbia, South Carolina, Components of a Training Program on Aquaculture for Peace Corps Volunteers, The National Center for Research in Vocational Education (R. E. Taylor), 23 March 1983 through 15 December 1983. (Project 763501 - New)

\$20,468.00 - W. L. Gore & Associates, Inc., Flagstaff, Arizona, The Evaluation of Gore-tex Peritoneal Catheters, Department of Medicine (W. H. Bay), 1 April 1983 through 31 December 1983. (Project 763506 - New)

\$16,000.00 - Union Carbide Corporation, Oak Ridge, Tennessee, Study the Relationships between Fracture Mechanics and Ultrasonic Parameters of Graphnol, Department of Welding Engineering (L. Adler), 1 March 1983 through 30 September 1983. (Project 763507 - New)

\$14,772.00 - Eastman Kodak Company, Eastman Chemicals Division, Kingsport, Tennessee, Effect of Combinations of Rumen-Stable Methionine and Lysine on the Feedlot Performance of Finishing Steers Fed a Corn-Based Diet, Department of Animal Science (OARDC) (S. C. Loerch), 31 March 1983 through 1 September 1983. (Project 763529 - New)

\$9,441.74 - Burroughs Wellcome Company, Research Triangle Park, N. C., A Study to Determine the Safety and Efficacy of Multiple Oral Doses of Rythmatine (Meobentine Sulfate) in Patients with Stable Ventricular Arrhythmias, Department of Medicine (S. F. Schaal), 1 September 1982 through 30 June 1983. (Project 763335 - Continuation)

\$8,300.00 - Wyeth Laboratories, Philadelphia, Pennsylvania, Oxaprozin Protocol Study, Department of Obstetrics and Gynecology (M. H. Kim), 19 March 1982 through 18 March 1983. (Project 763130 - Continuation)

\$6,625.00 - Merck & Company, Inc., West Point, Pennsylvania, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass, J. L. Plouffe and M. F. Para), 1 May 1982 through 31 May 1983. (Project 763181 - Continuation)

\$1,561.60 - Abbott Laboratories, North Chicago, Illinois, Research in Infectious Diseases, Department of Medicine (R. L. Perkins, R. J. Fass and J. L. Plouffe), 1 March 1983 through 30 April 1983. (Project 763020 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Industrial Research Contracts/Grants (contd)

\$616.00 - CSG Corporation, Washington, D. C., Technical Assistance Project for the Microcomputer Choices Program, The National Center for Research in Vocational Education (R. E. Taylor), 1 April 1983 through 31 December 1984. (Project 763026 - Continuation)

TOTAL - INDUSTRIAL AWARDS

\$ 572,026.34

Other Non-Federal Research Contracts/Grants

\$145,830.00 - Electric Power Research Institute, Palo Alto, California, An Advanced Prototype System for Locating and Mapping Underground Obstacles, Department of Electrical Engineering, ElectroScience Laboratory (R. Caldecott), 1 January 1983 through 31 December 1983. (Project 760604 - Continuation)

\$50,000.00 - March of Dimes Birth Defects Foundation, White Plains, New York, John W. Galbreath Program in Birth Defects, College of Medicine - Administration (M. Tzagournis), 1 April 1983 through 31 March 1984. (Project 763526 - Continuation)

\$47,155.00 - City of Columbus, Department of Finance, Columbus, Ohio, Quality of Working Life Demonstration Effort, Department of Communication (D. M. Ronchi), 1 January 1983 through 31 December 1984. (Project 760790 - Continuation)

\$39,680.00 - City of Columbus, Department of Development, Columbus, Ohio, Area Commission Intern Program, Department of City and Regional Planning and School of Architecture - Administration (S. I. Gordon), 1 April 1983 through 31 March 1984. (Project 763520 - New)

\$29,995.00 - National Association of Regulatory Utility Commissioners, Washington, D. C., NARUC State Member Support of the NRRI through Regularized State-Provided Contributions, National Regulatory Research Institute (D. N. Jones), 1 July 1982 through 30 June 1983. (Project 763289 - Continuation)

\$29,686.00 - American Lung Association, New York, New York, Application of Monoclonal Antibodies to *Legionella Pneumophila*, Department of Medicine (M. F. Para), 1 July 1983 through 30 June 1985. (Project 763503 - New)

\$23,550.00 - Iowa State University, Ames Laboratory, Ames, Iowa, Ultrasonic Scattering from Cracks, Department of Welding Engineering (L. Adler), 1 April 1983 through 30 September 1983. (Project 763374 - Continuation)

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION (contd)

Other Non-Federal Research Contracts/Grants (contd)

\$9,329.00 - March of Dimes Birth Defects Foundation, White Plains, New York, Multicenter Preterm Birth Prevention Trial, Department of Obstetrics and Gynecology (J. D. Iams), 1 January 1983 through 30 June 1983. (Project 763334 - Continuation)

\$8,000.00 - Lakeland Community College, Mentor, Ohio; Triton College, River Grove, Illinois; Utah Technical College at Provo, Provo, Utah; Butler County Community College, El Dorado, Kansas, National Alliance of Postsecondary Education Institutional/Districts, The National Center for Research in Vocational Education (R. E. Taylor), 1 July 1982 through 30 June 1983. (Project 763137 - Continuation)

\$7,000.00 - Cancer Therapy and Research Center, San Antonio, Texas, Multidisciplinary Participation in the Cancer Control Activities of the Southwest Oncology Group, Department of Medicine (S. P. Balcerzak), 1 December 1982 through 30 November 1984. (Project 763513 - New)

\$5,000.00 - Family Health Foundation of America, Kansas City, Missouri, Learned Alterations of the Electrogastrogram Using Operant Conditioning Methods, Department of Family Medicine (L. Vande Creek), 1 May 1983 through 30 April 1984. (Project 763522 - New)

TOTAL - OTHER NON-FEDERAL AWARDS

\$ 395,225.00

ENGINEERING EXPERIMENT STATION

State Sponsored Research and Development

\$64,321.00 - State of Ohio, Department of Transportation, Columbus, Ohio, for Extension No. 3 of "Evaluation of Asphalt Pavement Recycling in Ohio: A Laboratory and Field Investigation," coordinated by Transplex and under the direction of the Department of Civil Engineering, September 3, 1982 through March 3, 1984. (529079, Ext. 3)

Industrial and Other Sponsored Research and Development

\$201,401.00 - from 48 industrial sponsors for 58 development projects under the direction of seven engineering departments and research areas.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER

Federal and State Contracts/Grants

\$37,000.00 - Grants Administrative Management Office, Science and Education, U. S. Department of Agriculture, Arlington, Virginia, continued support of a study on evolution of leafhoppers and stunting pathogens with maize and its ancestors, Department of Entomology, through June 30, 1984. (Cooperative Agreement No. 81-CRCR-1-0646)

\$4,500.00 - Michigan Department of Agriculture, Lansing, Michigan, support of a study to combine research and survey information on PCB contaminated silos to develop public policy relating to the safe and effective disposal of these structures, Department of Dairy Science, April 18 to July 31, 1983.

TOTAL - STATE AND FEDERAL CONTRACTS/GRANTS \$41,500.00

Gifts

\$10,000 from Foundation for Agronomic Research, Atlanta, GA
\$ 8,250 from Zoecon Corporation, Palo Alto, CA
\$ 5,750 from Chevron Chemical Company, Richmond, CA
\$ 5,000 from Diamond Shamrock, Cleveland, OH
\$ 5,000 from Potash & Phosphate Institute, Atlanta, GA

TOTAL - GIFTS \$34,000.00

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND

Establishment of Named Funds

The Durr Memorial Research Fund for Poultry Science

The Durr Memorial Research Fund for Poultry Science was established June 9, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Roy M. Durr, B.S.Agr., 1926, Atlanta, Georgia.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support research programs in the Department of Poultry Science in the College of Agriculture and Home Economics. The expenditure of funds is to be approved by the Department Chairman and the Dean of the College of Agriculture and Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for the Department of Poultry Science.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Carl M. Bohner Memorial Fund

The Carl M. Bohner Memorial Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from the estate of Carl M. Bohner, B.A., Arts and Sciences (Chemistry), 1918, Clearwater, Florida.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income from the fund is to be used to provide scholarships for students enrolled in the College of Engineering who have demonstrated academic ability and/or need for financial assistance.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for engineering education.

The Helen P. Alkire Scholarship Fund

The Helen P. Alkire Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and alumni in honor of Helen P. Alkire in recognition of her distinguished leadership and service to students in the College of the Arts, Department of Dance.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest, and reinvest as occasion dictates.

The annual income is to be awarded on a merit basis to one or more talented students who are or will become majors in the Department of Dance. Both undergraduate and graduate students are eligible to receive the scholarships.

Recipients will be determined by established procedures within the Department of Dance, with approval by the Chairman of the Department in consultation with the appropriate dance faculty, and with the approval of the Dean of the College of the Arts.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for dance education.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ruth and LeRoy Bradford Fund

The Ruth and LeRoy Bradford Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the estates of Henry LeRoy Bradford, J.D., 1914, and his wife, Ruth W. Bradford, Arts, 1919, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the University Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarship awards to qualified students who are members of the football or basketball squads. Selection of the scholarship recipients is to be made by the University Scholarship Committee in consultation with the Director of Athletics. Should there not be a qualified student from the Department of Athletics in any given year or should intercollegiate athletics be abandoned at The Ohio State University, the University Scholarship Committee can then award the scholarships to worthy and qualified students at The Ohio State University.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University then responsible for student financial aids.

Mary S. Wright Scholarship Fund

The Mary S. Wright Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Development Fund from the estate of Miss Mary S. Wright, Cincinnati, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarship assistance to deserving students who are attending the University. The Scholarship recipients may be students in any college at the University who are good students and have demonstrated financial need. The selection of the recipients is to be made upon the recommendation of the University Scholarship Committee with preference being given to those students who reside in the rural communities of Ohio.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official(s) of the University then directly responsible for student assistance.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

Biological Sciences Student Activities Fund

The Biological Sciences Student Activities Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends of the College of Biological Sciences.

Gifts to this fund are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for support of activities of students in the College of Biological Sciences. The Dean of the College of Biological Sciences is authorized to utilize the principal amount of the endowment if necessary, and will have sole authority to approve expenditures from the fund.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for biological sciences education and research.

The Phi Kappa Phi OSU Chapter Scholarship Fund

The Phi Kappa Phi OSU Chapter Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Ohio State University Chapter of the Honor Society of Phi Kappa Phi.

These gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a scholarship(s) to undergraduate students at any of the campuses of The Ohio State University. The scholarship(s) are to be awarded to students exhibiting academic excellence in any baccalaureate field of study. Financial need is not to be a criterion in the selection of the recipient(s), nor is membership in Phi Kappa Phi. Selection of recipients is to be made by the University Committee on Student Financial Aids upon the recommendation of the Awards Committee of Phi Kappa Phi.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to programs to support and encourage the academic achievement of undergraduate students.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Ralph H. Grimshaw Award

The Ralph H. Grimshaw Award was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund under the leadership of The Ohio Sheep Improvement Association. The award is established to honor Ralph H. Grimshaw, B.S.Agr., 1931, (M.S. Michigan State University, 1959), Professor Emeritus, Department of Animal Science.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used to provide awards to graduate students in animal science with preference given to those enrolled in or planning to enroll in a graduate program related to sheep or other ruminant animals. Also important in the selection of the award recipient(s) will be level of scholarship achievement and an interest in a career related to animal science including extension specialist, resident teacher, research, Cooperative Extension Service, livestock production, business and industry. The recipient(s) will be determined by the Animal Science Scholarship and Student Recognition Committee. One of the Committee members selecting the recipient(s) must be a faculty member responsible for a sheep program in resident instruction, extension or research. Requisitions for awards are to be approved by the Dean of the College of Agriculture and Home Economics.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purposes whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for animal science education.

The R. C. Miller Agricultural Engineering Student Award Fund

The R. C. Miller Agricultural Engineering Student Award Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni, friends, and industry in honor of R. C. Miller, Professor Emeritus.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide funds for an award to a Senior Agricultural Engineering Student. Selection of the recipient shall be made by the Agricultural Engineering Department Resident Instruction Committee with the approval of the Chairman of the Department of Agricultural Engineering.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The R. C. Miller Agricultural Engineering Student Award Fund (contd)

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for the College of Agriculture and Home Economics and the Department of Agricultural Engineering.

Ohio Biological Survey Endowment Fund

The Ohio Biological Survey Endowment Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from friends and supporters of the Ohio Biological Survey.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for those purposes which will aid the publishing, research, and service programs and facilities of the Ohio Biological Survey. Expenditure of the annual income is to be made upon the authorization of the Executive Director of the Ohio Biological Survey in cooperation with the Advisory Board of the Ohio Biological Survey and with the approval of the Dean of the College of Biological Sciences of The Ohio State University. Invasion of the principal amount of the endowment, if necessary, will be authorized only upon written approval of the Executive Director and the Chair of the Advisory Board of the Ohio Biological Survey and the Dean of the College of Biological Sciences of The Ohio State University.

Should the need for the Fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of The Ohio State University, with preference being given to recommendations from the appropriate administrative official of The Ohio State University who then has primary responsibility for biological museums and curatorial services and/or taxonomic and organismic research.

The Rosemarie Sena Endowed Scholarship Fund

The Rosemarie Sena Endowed Scholarship Fund was established June 9, 1983, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Rosemarie Sena.

June 9, 1983 meeting, Board of Trustees

REPORT OF RESEARCH CONTRACTS, GRANTS, AND GIFTS (contd)

THE OHIO STATE UNIVERSITY DEVELOPMENT FUND (contd)

Establishment of Named Funds (contd)

The Rosemarie Sena Endowed Scholarship Fund (contd)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for one or more scholarships for an undergraduate student(s) enrolled full time in the College of Humanities with a major course of study in English. The selection of the recipient(s) of the scholarship will be made by a committee from the Department of English in conjunction with the University Scholarship Committee.

Should the need for this fund cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University then directly responsible for the Department of English.

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**EMPLOYMENT OF ARCHITECT/ENGINEER
AND REQUEST FOR CONSTRUCTION BIDS
NUCLEAR MAGNETIC RESONANCE FACILITY**

Resolution No. 83-148

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University is acquiring a nuclear magnetic resonance imaging device which will significantly enhance the University's efforts in biological and medical research; and

WHEREAS a new facility will be required to house the nuclear magnetic resonance imaging unit, and this facility must be constructed of non-magnetic materials and provide radio frequency shielding to ensure proper operation of the unit; and

WHEREAS funding for this facility will be provided from University funds:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to select qualified architectural and engineering firms for this project; and

June 9, 1983 meeting, Board of Trustees

**EMPLOYMENT OF ARCHITECT/ENGINEER
AND REQUEST FOR CONSTRUCTION BIDS
NUCLEAR MAGNETIC RESONANCE FACILITY (contd)**

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to proceed with the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Immke, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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**EMPLOYMENT OF ARCHITECT/ENGINEER AND
REQUEST FOR CONSTRUCTION BIDS
UNIVERSITY HOSPITALS, 7TH FLOOR RENOVATION**

Resolution No. 83-149

Synopsis: Authorization to employ an architectural firm and request construction bids is proposed.

WHEREAS The Ohio State University Hospitals has requested work be continued on the renovation of University Hospitals; and

WHEREAS this work will include renovation of the center and west sections of the seventh floor of University Hospitals to upgrade the patient-care facilities to meet present code requirements and medical criteria; and

WHEREAS funding for this work will be provided from University Hospital funds:

NOW THEREFORE

BE IT RESOLVED, That the Vice President for Business and Finance be authorized to proceed to select a qualified architectural firm for this project in conjunction with the Department of Administrative Services and that the fees for this architectural service be negotiated between the firm selected and the Department of Administrative Services, Division of Public Works; and

BE IT FURTHER RESOLVED, That the Vice President for Business and Finance be authorized to proceed to request construction bids on this project in accordance with established University procedures, and if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts, with all actions to be reported to this Board at the appropriate time.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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PLANS AND SPECIFICATIONS

Resolution No. 83-150

Synopsis: Approval of plans and specifications for the following projects is proposed.

WHEREAS at the request of the Vice President for Business and Finance, the President recommended that the Board of Trustees approve the plans and specifications, bills of materials, and estimates of cost for the following projects:

SAWTOOTH REPLACEMENT, PHASE II

Project: Demolition of the sixty-year-old portion of McPherson Chemistry Laboratory (Sawtooth) and construction of a new four-story facility for Chemistry. The demolition is planned to be completed in August, 1983; construction bids are anticipated in September, 1983; construction is to start in November, 1983, with completion of the work by October, 1985.

Funding: Amended Substitute House Bill 552

Estimated Project Cost: \$15,600,000.00

TOWNSHEND HALL RENOVATION

Project: This remodeling work will improve classrooms, accommodate the Department of Psychology and improve access for the handicapped. The total building will be renovated. The bids are expected to be received in July, 1983; construction anticipated to start in September, 1983, with completion of the work by November, 1984.

Funding: Amended Substitute House Bill 552, Utilities and Renovation

Estimated Project Cost: \$3,144,000.00

RECREATIONAL FIELD, SOUTH OF OHIO STADIUM

Project: Regrading and drainage of the area south of the Ohio Stadium and west of Larkins Hall for multiple purpose recreational use and sports events.

Funding: Account 882047, Local University Funds

Estimated Project Cost: \$275,000.00

June 9, 1983 meeting, Board of Trustees

PLANS AND SPECIFICATIONS (contd)

HEALTH CENTER STORM SEWER AND PERRY STREET IMPROVEMENTS

Project: Installation of new storm sewer to relieve the flooding conditions at Rhodes Hall emergency entrance and installation of new curbs, walks, and resurfacing of Perry Street after sewer construction is completed.

Funding: H.B. 552, Utilities and Renovation - \$141,058.00 and Local University Funds \$33,000.00.

Estimated Project Cost: \$174,058.00

COLLEGE ROAD, BUS PULLOUTS

Project: Construction of three bus pullout areas to provide bus stops clear of vehicular traffic.

Funding: Account 210134, Contract Repair

Estimated Project Cost: \$80,000.00

CAMPUS ENTRANCE RENOVATIONS TUTTLE PARK PLACE AND LANE AVENUE KING AVENUE AND CANNON DRIVE

Project: Paving, lighting, and construction of limestone entrance wall panels with the University logo to enhance the identification of these areas as entrances to the campus and to improve traffic flow and security at these entrances.

Funding: Account 885200

Estimated Project Cost: \$76,500.00

NOW THEREFORE

BE IT RESOLVED, That the plans and specifications, bills of materials, and estimates of cost for the projects listed above be approved and that the President and/or Vice President for Business and Finance be authorized to sign the plans and specifications for these projects and, in accordance with established University procedures, to request bids and, if satisfactory bids are received, to recommend to the Department of Administrative Services, Division of Public Works, the award of necessary contracts; and

BE IT FURTHER RESOLVED, That this action be reported to the Board at a later meeting.

Upon motion of Mr. Redman, seconded by Mr. Immke, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS**

Resolution No. 83-151

Synopsis: Contracts have been awarded for the projects listed below to the lowest and best bidders in accordance with University procedures.

WHEREAS resolutions adopted by the Board of Trustees at previous meetings authorized the President and/or Vice President for Business and Finance to sign the plans and specifications and, in accordance with established University procedures, to request bids and, if satisfactory bids were received, to recommend to the Department of Administrative Services, Division of Public Works, the award of contracts for the following projects:

**EVANS LABORATORY
AIR CONDITION AND VENTILATION SYSTEM**

Description: This project will provide air conditioning and ventilating systems in Evans Laboratory, which houses the Department of Chemistry, to meet existing codes and environmental standards.

General Contract

Date Received:	April 29, 1983
No. of Bids:	5
Low Bid:	\$ 134,920.00
High Bid:	\$ 278,500.00
Estimate of Cost:	\$ 155,520.00
Awarded to:	Righter Co., Columbus, Ohio

Plumbing Contract

Date Received:	April 29, 1983
No. of Bids:	3
Low Bid:	\$ 19,996.00
High Bid:	\$ 28,000.00
Estimate of Cost:	\$ 34,400.00
Awarded to:	J. A. Croson, Columbus, Ohio

June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**EVANS LABORATORY
AIR CONDITION AND VENTILATION SYSTEM (contd)**

HVAC Contract

Date Received:	April 29, 1983
No. of Bids:	6
Low Bid:	\$ 798,000.00*
High Bid:	\$ 962,000.00*
Estimate of Cost:	\$ 665,000.00*
Awarded to:	Farber Corporation, Columbus, Ohio

Electric Contract

Date Received:	April 29, 1983
No. of Bids:	7
Low Bid:	\$ 139,670.00
High Bid:	\$ 174,680.00
Estimate of Cost:	\$ 175,080.00
Awarded to:	Royal Electric Construction, Columbus, Ohio

Total All Contracts: \$1,092,556.00*

Total Contingency Allowance: \$ 47,552.74 (which is 4 per cent of construction costs)

Total Project Cost: \$1,276,081.76*

Funding: HB 552 - U & R

* Recommended alternate reflected in this figure.

June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**MOLLY CAREN AGRICULTURAL CENTER - FARM SCIENCE REVIEW SITE
ELECTRICAL DISTRIBUTION SYSTEM**

Description: This project will provide electric service for the Farm Science Review operation through the installation of a primary and secondary electrical distribution system.

Electrical Contract

Date Received:	April 5, 1983
No. of Bids:	8
Low Bid:	\$219,975.00*
High Bid:	\$292,950.00*
Estimate of Cost:	\$340,500.00*
Awarded to:	Certified Electric, Dayton, Ohio
Total Contract:	\$219,975.00
Total Contingency Allowance:	\$ 18,343.67 (which is 8 per cent of construction costs)
Total Project Cost:	\$242,000.00
Funding:	Budget Account 885196

CHILD DEVELOPMENT LABORATORY

Description: This project includes the remodeling or reconfiguration of various rooms located in Campbell Hall to make space more efficient and reassignment of existing outdoor courtyard areas into outdoor play areas.

General Contract

Date Received:	March 25, 1983
No. of Bids:	2
Low Bid:	\$ 60,420.00*
High Bid:	\$ 77,350.00*
Estimate of Cost:	\$ 64,061.00*
Awarded to:	Garnett Potter, Columbus, Ohio

* Recommended alternates reflected in these figures.

June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

CHILD DEVELOPMENT LABORATORY (contd)

Plumbing Contract

Date Received:	March 25, 1983
No. of Bids:	1
Bid:	\$ 18,633.00
Estimate of Cost:	\$ 18,776.00
Awarded to:	Edmonds Mechanical Contractor, Inc., Dayton, Ohio

HVAC Contract

Date Received:	March 25, 1983
No. of Bids:	1
Bid:	\$ 18,830.00*
Estimate of Cost:	\$ 15,155.00*
Awarded to:	Edmonds Mechanical Contractor, Inc., Dayton, Ohio

Electrical Contract

Date Received:	March 25, 1983
No. of Bids:	2
Low Bid:	\$ 20,561.00*
High Bid:	\$ 23,000.00*
Estimate of Cost:	\$ 19,928.00*
Awarded to:	J & L Electric Co., Grove City, Ohio

Total All Contracts: \$118,444.00*

Total Contingency Allowance: \$ 6,500.00 (which is 5 per cent of construction costs)

Total Project Cost: \$156,834.01

Funding: Amended Substitute House Bill 552 and local University funds

* Recommended alternates reflected in these figures.

June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**NEWARK CAMPUS - FOUNDERS HALL
REPLACE FRONT STEPS AND HANDICAP RAMP**

Description: Due to deterioration of the front entry steps this project is necessary to replace the front steps and add a handicap ramp entrance to Founders Hall.

General Contract

Date Received:	April 13, 1983
No. of Bids:	8
Low Bid:	\$ 69,400.00*
High Bid:	\$ 96,025.00*
Estimate of Cost:	\$ 95,700.00*
Awarded to:	E. Mast & Sons Construction, Zanesville, Ohio
Total Contract:	\$ 69,400.00*
Total Contingency Allowance:	\$ 9,716.76 (which is 14 per cent of construction costs)
Total Project Cost:	\$ 94,705.00*
Funding:	HB 552 Branch Campus U & R

*Recommended alternates reflected in this figure.

**WOODRUFF AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET**

Description: To repair damaged areas of Woodruff Avenue, from Neil Avenue to High Street, and install an asphalt overlay. This is the final phase of the Woodruff Avenue sidewalk, curb, and road repairs.

General Contract

Date Received:	April 20, 1983
No. of Bids:	6
Low Bid:	\$ 45,814.00
High Bid:	\$ 62,850.00
Estimate of Cost:	\$ 56,800.00
Awarded to:	Gaddis & Sons, Columbus, Ohio

June 9, 1983 meeting, Board of Trustees

**REPORT OF AWARD OF CONTRACTS AND
ESTABLISHMENT OF CONTINGENCY FUNDS (contd)**

**WOODRUFF AVENUE - REPAIR AND RESURFACE
NEIL AVENUE TO HIGH STREET (contd)**

Total Contract: \$ 45,814.00
Total Contingency Allowance: \$ 3,665.52 (which is 8 per cent of construction costs)
Total Project Cost: \$ 51,233.00
Funding: B/A 210134 (Local)

NOW THEREFORE

BE IT RESOLVED, That pursuant to the actions previously authorized by the Board, the award of contracts and the establishment of project funds and contingency funds for the projects listed above are hereby approved.

Upon motion of Mr. Hilliker, seconded by Mr. Redman, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EXPENDITURE AUTHORIZATION 1983-84

Resolution No. 83-152

Synopsis: Authorization to make interim expenditures in Fiscal Year 1983-84 is requested.

WHEREAS levels of State financial support for 1983-84 have not yet been established; and

WHEREAS this University must proceed with its budget planning for 1983-84 even with the current uncertainties in State revenues; and

WHEREAS it is necessary to authorize expenditures for 1983-84 to be effective July 1, 1983, including payment of faculty and staff, prior to the time that this Board adopts the Current Funds Budget for 1983-84:

NOW THEREFORE

BE IT RESOLVED, That the University be authorized to make expenditures consistent with the budget guidelines and the Tentative University Current Funds Budget for Fiscal Year 1983-84, as described in the accompanying text and tables, effective July 1, 1983; and

BE IT FURTHER RESOLVED, That the President will present as soon as possible to the Board of Trustees the final version of the Current Funds Budget for 1983-84 with adjustments as may be necessary as a result of the final actions of the General Assembly and Governor of the State of Ohio.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1983-84

I. Introduction

The Ohio State University budget guidelines, along with a tentative budget for 1983-84, are again being recommended to this Board of Trustees before State funding levels are known. This is the third year in a row that a tentative budget has had to be presented for Board approval. While reluctant to request the Board to consider another preliminary budget, the lack of a final State appropriations bill for the coming biennium, coupled with the need for the University to have a budget in place by July 1, 1983, has forced us to proceed.

As reported previously to the members of this Board, the University has been in the difficult position of having to cut budgets four times during the 1981-83 biennium, as a result of shortfalls in State revenues. These excessive budget reductions have created uncertainties and significant hardships throughout all areas of the University. We remain concerned that State funding in support of higher education be appropriated at a level which will allow the University to avoid further deep budget cuts or excessive student fee increases, especially in the second year of the 1983-85 biennium.

Recent actions by the Ohio House of Representatives have resulted in an additional \$75 million in State support for higher education over the Governor's original recommendation; but this level of funding for 1983-84 in House Bill 291 still remains some \$6.0 million below Ohio State's original appropriation of the current fiscal year. University efforts in the Senate continue to be directed toward achieving the amount of State support for higher education recommended by the Board of Regents. If successful, this would add another \$138 million for higher education in Ohio. However, since the Senate has not yet voted, we have been forced to develop 1983-84 budget plans using the inadequate funding levels in House Bill 291.

The Regents' recommended State support would enable Ohio State to make significant progress in restoring budget stability over the biennium. This University would be able to enhance efforts to hold down the rates of future increases in student fees to preserve the University's land-grant mission of accessibility, and to make progress in reducing Ohio State's fee ranking in the Big Ten. Most importantly, this added support would contribute significantly to returning the average percentage of college costs which Ohio students--and their parents--must bear from the current 47 percent to the traditional 33 percent level which existed in 1979.

Added State support also is needed to enable Ohio State to begin restoration of appropriate funding to those areas of excellence and potential excellence which contribute so significantly to this University's longstanding tradition of high academic quality. Through well-established internal processes of regular program review, Ohio State continues to identify areas of particular strength, as well as areas with the potential to move from solid quality over the threshold of significant excellence. The members of the University Fiscal Advisory Committee have expressed their concern that the tentative budget recommendation lacks the resources to make significant progress in this regard. While special efforts have been made to reallocate funds for meeting these needs, the instructional subsidies in House Bill 291 are simply inadequate to enable such areas to make progress toward achieving their potential.

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1983-84 (contd)

In consultation with the University Fiscal Advisory Committee, deans, and vice presidents, this tentative budget recommendation continues the philosophies initiated over the past year. We are committed to emphasizing three key areas: the stability needed for long-term planning; the preservation of Ohio State's great land-grant tradition of accessibility and equal opportunity; and the maintenance and strengthening of excellence through continued attention to faculty and staff salaries as well as equipment and library resources. Since excellence in a University is dependent upon the quality of the faculty and staff, the primary emphasis will be to remain competitive with other outstanding institutions of higher education, even at the cost of further budget reallocations.

Until a State budget bill is in place, it is recommended that this Board authorize the University to begin the fiscal year within the parameters set forth in this Tentative Current Funds Budget for 1983-84 (Schedule A). Once State budget actions are taken in the legislature and approved by the Governor, a final 1983-84 Current Funds Budget will be recommended. We anticipate this will occur at this Board's July meeting.

II. Sources of Funds

The Tentative Current Funds Budget for 1983-84 includes funding sources which total \$709,970,000, using projected revenues from House Bill 291. This level of State support is \$6,360,000 below the amount originally appropriated to The Ohio State University for the 1982-83 fiscal year. While previous budget cuts absorbed by this University will enable us to bring to this Board a balanced budget for 1983-84 once a final budget bill is enacted, the inadequate levels of support included in House Bill 291 will adversely affect the expenditure and student tuition levels for the second year of the biennium. This is especially true for the Regional Campuses.

This University remains committed to keeping student tuition and fees at the lowest possible levels to maintain accessibility. Therefore, the average increase in student fees used in this Tentative Budget is 7 percent, effective Autumn Quarter, 1983. While the Governor's budget was based upon a 12 percent student fee increase, extra cost-cutting efforts within the University, as well as the added instructional subsidies included in the House budget bill, have allowed us to limit this planned tuition increase to 7 percent.

In addition to higher tuition, students face price increases in such other areas as residence halls, health insurance, parking and extracurricular activities. Therefore, continuing the practice initiated last year, increases in normal charges assessed by the University have been limited to a combined average of no more than 7 percent. The tentative budget has been constructed within the 7 percent average rate increase for all University services.

Considering the current uncertainties in State revenues, every effort has been made to create a budget plan which will allow this University to return to budget stability for the entire fiscal year. However, further adverse actions may be necessary for the second year of the biennium if the State funding levels in House Bill 291 are not increased.

June 9, 1983 meeting, Board of Trustees

STATEMENT OF BUDGET GUIDELINES/PRINCIPLES FOR 1983-84 (contd)

III. Uses of Funds

The planned expenditures for Fiscal Year 1983-84 will enable this University to implement the following budget planning guidelines.

- * Increase faculty and administrative/professional salaries by an average of 3 percent across-the-board and 4 percent for merit.
- * Provide classified personnel with appropriate step and longevity increases.
- * Provide an allowance of 1 percent as a supplemental allocation for special adjustments for designated faculty and administrative/professional staff.
- * Increase general expense budgets by 8 percent for colleges and offices, plus provide a special catch-up increase of 12 percent for continuing equipment budgets.
- * Provide special allocation of \$238,000 to maintain the purchasing power of University-funded student financial aid support and a \$4.5 million emergency fund to meet critical needs with emphasis on maintaining quality, providing adequate instructional staff, and supporting accessibility.
- * Provide resources to meet mandatory General Fund cost increases, such as utilities (\$1.2 million) and employee benefits (\$1.3 million).

This budget plan for 1983-84 includes having the colleges and administrative areas fund from current resources 2 percent of the salary guidelines for faculty and administrative/professional staff on General Fund budgets. This reallocation will total \$2.5 million, of which a contingency fund of \$500,000 has been set aside to assist areas for which such a reallocation would create extraordinary hardships.

Every effort will be made to continue to provide one-time funds for equipment and library acquisitions to maintain this University's progress in the replacement and improvement of these necessary support resources. If State funding is adequate, the budget target is to provide \$7 million in one-time equipment and library funds for 1983-84.

While we applaud the stated goal of the Governor to stabilize State budgets, it is necessary to consider both years of the 1983-85 biennium in budget planning activities for this University. The level of State support currently provided in House Bill 291 creates potentially serious funding problems for the second year (1984-85) of the biennium. Therefore, without additional State funding, either further expenditure reductions will need to be implemented prior to the end of 1983-84 to provide carry-forward resources for the next fiscal year or next year's expenditures and student fee rates will need to be adversely adjusted to accommodate to the funding levels provided in House Bill 291.

If the amount of State support has been determined prior to this Board's July meeting, the final 1983-84 Current Funds Budget will be then recommended for Board action. Until that time, we recommend that expenditures be maintained at continuation levels based upon the planning guidelines included in this tentative budget.

June 9, 1983 meeting, Board of Trustees

Schedule A
THE OHIO STATE UNIVERSITY
1983-84 TENTATIVE CURRENT FUNDS BUDGET

SOURCES OF INCOME

Columbus Campus		\$276,535,000
Government Sources		
State Appropriations	\$191,342,000	
Federal	66,305,000	
Other Governmental	18,888,000	
Student Fees		110,032,000
Instructional, General & Tuition	105,722,000	
Non-Credit Instruction	4,310,000	
Other Income:		286,663,000
Auxiliary Sales & Charges	63,641,000	
Hospital Sales and Services	154,051,000	
Department and University Services	19,359,000	
Endowment Income	6,834,000	
Private Gifts and Grants	29,998,000	
Temporary Investments	12,000,000	
Other	780,000	
TOTAL COLUMBUS CAMPUS		\$673,230,000
Regional Campuses		
State Appropriations	\$ 6,138,000	
Student Instructional Fees	5,849,000	
All Other	2,237,000	
TOTAL REGIONAL CAMPUSES		\$ 14,224,000
OARDC		
State Appropriations	\$ 12,446,000	
Federal	6,595,000	
All Other	3,475,000	
TOTAL - OARDC		\$ 22,516,000
GRAND TOTAL - INCOME		\$709,970,000

June 9, 1983 meeting, Board of Trustees

Schedule A
THE OHIO STATE UNIVERSITY
1983-84 TENTATIVE CURRENT FUNDS BUDGET (contd)

BUDGETED USES

Columbus Campus		
Educational and General Expenditures	\$440,300,000	
Auxiliaries	62,383,000	
Hospital	165,269,000	
Mandatory Transfers	4,013,000	
Contingency for 1984-85	8,500,000	
TOTAL COLUMBUS CAMPUS		\$680,465,000
Regional Campuses		
ATI	\$ 3,984,000	
Lima	2,631,000	
Mansfield	3,066,000	
Marion	2,123,000	
Newark	2,589,000	
TOTAL REGIONAL CAMPUSES		\$ 14,393,000
OARDC		\$ 22,750,000
GRAND TOTAL - USES		\$717,608,000

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RETIREMENT CONTRIBUTION "PICK UP"

Resolution No. 83-153

Synopsis: "Pick up" of the employee contribution to the retirement systems is proposed.

WHEREAS under current statutes it is possible for state institutions, including The Ohio State University, to "pick up" (remit) the employees's share of the required contribution to the state retirement systems; and

WHEREAS under the proposed "pick up" plan, the faculty/staff member's annual salary shall be defined as consisting of (1) a cash salary; and (2) a deferred salary (i.e., the 8.5 percent retirement contribution) which will be remitted by the University on behalf of each faculty/staff member directly to the appropriate retirement system; and

WHEREAS the faculty/staff member's retirement contribution will then not be included as gross income for federal and state income tax purposes until distribution of the benefit at retirement or withdrawal after termination of employment; and

June 9, 1983 meeting, Board of Trustees

RETIREMENT CONTRIBUTION "PICK UP" (contd)

WHEREAS the faculty/staff member will pay federal and state taxes based on gross salary excluding the 8.5 percent retirement contributions; and

WHEREAS it is the general consensus of the University administration and faculty and staff members, including the Faculty Compensation and Benefits Committee, that implementation of such a "pick up" plan would substantially benefit University faculty and staff:

NOW THEREFORE

BE IT RESOLVED, That the President and/or the Vice President for Personnel Services shall take the necessary steps to implement the "pick up" of employee contributions to STRS and PERS, and that the "pick up" shall be applicable to all persons who contribute to either of the aforementioned retirement systems; and

BE IT FURTHER RESOLVED, That in accordance with applicable statutes individual faculty/staff members shall not have the option of receiving the contributions directly instead of having such contributions paid by the University to the retirement systems.

Upon motion of Mr. Redman, seconded by Mr. Teaford, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

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EXPRESSION OF APPRECIATION TO D. WAYNE ASHBY, JR.

Resolution No. 83-154

WHEREAS Mr. D. Wayne Ashby is completing a two-year term of office as president of The Ohio State University Alumni Association; and

WHEREAS Mr. Ashby has also served the Alumni Association for two two-year terms as treasurer, and was the Alumni representative of The Ohio State University Presidential Search Committee in 1981; and

WHEREAS during Mr. Ashby's term of office, The Ohio State University Alumni Association reached its highest total membership of 87,500; and

WHEREAS Wayne Ashby's commitment to and support of the University and its missions have been manifested over the years in numerous other ways:

NOW THEREFORE

BE IT RESOLVED, That D. Wayne Ashby's service as president of the Alumni Association be recognized by this Board as being an effort of exceptional merit and commitment; and

BE IT FURTHER RESOLVED, That the Board's thanks and deep appreciation be conveyed to Mr. Ashby for his outstanding contribution and dedicated support of this University.

Upon motion of Mr. Immke, seconded by Mr. Hilliker, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

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June 9, 1983 meeting, Board of Trustees

EXPRESSION OF APPRECIATION TO WILLIAM E. MacDONALD

Resolution No. 83-155

WHEREAS William E. MacDonald has served with exceptional distinction and merit for two years as Chairman of The Ohio State University Development Fund Board of Directors; and

WHEREAS Mr. MacDonald's service, commitment and material contributions to the University are exemplified in numerous other ways, particularly his active involvement in the alumni activities of the College of Administrative Science; and

WHEREAS his association with the University and its various activities has resulted in greatly enhanced ties among the institution, the students and graduates, and the business community at large; and

WHEREAS under the chairmanship of Mr. MacDonald the Development Fund has gone through one of its most dynamic periods of growth and the development of responsive new programs:

NOW THEREFORE

BE IT RESOLVED, That this Board salutes William E. MacDonald upon completion of his service as Chairman of the Development Fund Board of Directors, and conveys to him the deep gratitude and appreciation of the Board of Trustees for his extraordinary dedication to that effort; and

BE IT FURTHER RESOLVED, That this Board anticipates a continued close association with Mr. MacDonald in the years ahead and recognizes that it is loyal alumni, friends and benefactors such as himself who are, from outside of the institution, the major strength and foundation of quality for The Ohio State University.

Upon motion of Mrs. Bowser, seconded by Mr. Berry, the Board of Trustees adopted the foregoing resolution by unanimous voice vote.

--O--

REPORT - UNIVERSITY'S INVESTMENT PORTFOLIO

Resolution No. 83-156

RESOLVED, That the report on the University's Investment Portfolio, dated May 20, 1983, as submitted to the Fiscal Affairs Committee of the Board of Trustees, be received and filed with the official records of the Board.

--O--

June 9, 1983 meeting, Board of Trustees

Dr. Jacob read the following letter which he received.



The Ohio State University

University Senate

126 University Hall
230 North Oval Mall
Columbus, Ohio 43210-1319

Phone 614 422-2423

June 9, 1983

Dr. John D. Jacob
Chairman
Board of Trustees
113 Archer House
2130 Neil Avenue
CAMPUS

Dear Dr. Jacob:

The Steering Committee of the University Senate, acting on behalf of the constituent members of the University Senate, have this date adopted the following resolution:

In light of his devoted service to the University, his leadership, and his outstanding performance during the past academic year, be it hereby resolved that the University Senate Steering Committee send to the Board of Trustees of The Ohio State University a statement of appreciation and commendation on behalf of President Edward H. Jennings.

Respectfully submitted,

University Senate Steering Committee:

Herb B. Asher
Deborah Cassidy
Phillip Elmo
Richard F. Firestone
John B. Gabel
Joan E. Gritzmacher
Diether H. Haenicke
Vincent V. Hamparian
Weldon E. Ihrig
James E. Meeks
Mildred B. Munday
Colleen O'Brien
William M. Protheroe
Todd A. Shaver

--O--

June 9, 1983 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 8, 1983, at The Ohio State University Fawcett Center for Tomorrow, Columbus, Ohio, at 1:30 p.m.

Attest:

Madison H. Scott
Secretary

John D. Jacob, D.D.S.
Chairman

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